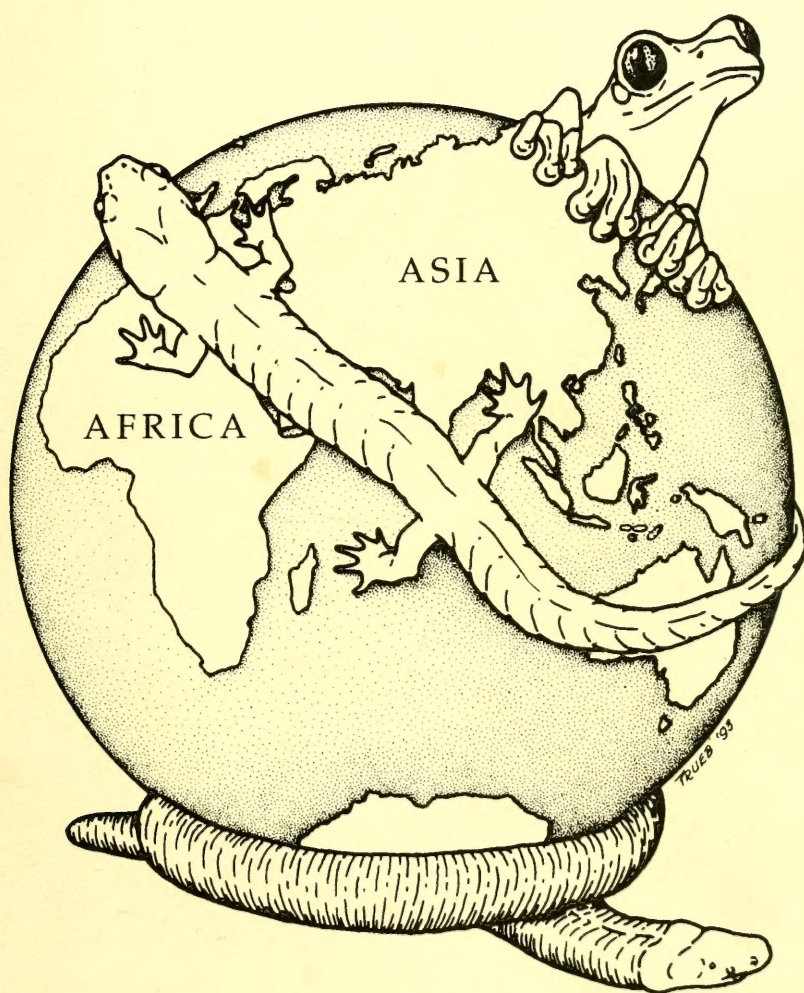

AMPHIBIAN SPECIES
OF THE WORLD:
ADDITIONS AND CORRECTIONS



WILLIAM E. DUELLMAN

Herk.
QL
645
.D82
1993

Museum of Comparative Zoology Library
Harvard University

THE UNIVERSITY OF KANSAS
MUSEUM OF NATURAL HISTORY
SPECIAL PUBLICATIONS

To receive our 1992 Catalog of Publications, send \$1.00 (post-paid) to Publications, Museum of Natural History, The University of Kansas, Lawrence, Kansas 66045-2454, USA. To order by phone call 913-864-4540. MasterCard and VISA accepted. See the inside back cover for a list of other available numbers in this series.

THE UNIVERSITY OF KANSAS
MUSEUM OF NATURAL HISTORY

SPECIAL PUBLICATION No. 21

July 1993

**AMPHIBIAN SPECIES
OF THE WORLD:
ADDITIONS AND CORRECTIONS**

BY

WILLIAM E. DUELLMAN

Curator

*Division of Herpetology
Museum of Natural History*

Professor

*Department of Systematics and Ecology
The University of Kansas
Lawrence, Kansas 66045*

THE UNIVERSITY OF KANSAS
LAWRENCE

1993

LIBRARY
2001.260100
LAWRENCE, KS

UNIVERSITY OF KANSAS PUBLICATIONS, MUSEUM OF NATURAL HISTORY

Editor: Linda Trueb
Managing Editor: Joseph T. Collins

Cover designed by Linda Trueb

Special Publication No. 21
pp. i-iii, 1-372
Published July 1993
ISBN 0-89338-045-8

MCZ
LIBRARY

DEC 22 1993

HARVARD
UNIVERSITY

MUSEUM OF NATURAL HISTORY
THE UNIVERSITY OF KANSAS
LAWRENCE, KANSAS 66045
U.S.A.

PRINTED BY
UNIVERSITY OF KANSAS PRINTING SERVICE
LAWRENCE, KANSAS

Preface

Shortly after the publication of *Amphibian Species of the World* (Darrel R. Frost, Editor) in 1985, the World Congress of Herpetology appointed a committee to maintain up-to-date computer files of all additions and changes so that either a supplement to the list or a revised edition could be published in the future. The committee was charged to send additions and changes to the chairman, William E. Duellman, who would maintain the files and prepare periodic updates. The first and second updates were distributed to members of the committee and other selected individuals in January 1987 and February 1988, respectively. Prior to dissolution of the committee, the following persons provided information and comments on those earlier versions of *Additions and Corrections*: Leo J. Borkin, Ulisses Caramaschi, Adão José Cardoso, Alain Dubois, Darrel R. Frost, Marinus S. Hoogmoed, Raymond F. Laurent, Jean-Luc Perret, John C. Poynton, Jay M. Savage, Michael J. Tyler, Ermi Zhao and Richard G. Zweifel.

In December 1992, a draft of this publication was reviewed by many herpetologists. For their helpful comments I am indebted to Adão José Cardoso (South American anurans), S. Blair Hedges (West Indian anurans), Robert F. Inger (Asian anurans), Malcolm J. Largen (African anurans), Ronald A. Nussbaum (caecilians), Jean-Luc Perret (African anurans), John C. Poynton (African anurans), Michael J. Tyler (Australian anurans), David B. Wake (salamanders), Marvalee H. Wake (caecilians), Ermi Zhao (Chinese anurans and salamanders). For rapidly providing me critical literature upon my frantic requests, I thank Kraig Adler, Teresa Cristina Sauer de Avila Pires, Wolfgang Böhme, Jonathan A. Campbell, Ronald I. Crombie, Carl Gans, Frank Glaw, S. Blair Hedges, Marinus S. Hoogmoed, Masafumi Matsui, Jean-Luc Perret, José Pombal, Jr., John C. Poynton, Miguel Vences, and Ermi Zhao.

I am grateful to Linda Trueb for her invaluable aid in transcribing computer files to the printed page and to Philip S. Humphrey for expediting the publication of this work, which was accomplished solely by support of the Museum of Natural History, The University of Kansas.

*William E. Duellman
Lawrence, Kansas
May 1993*

Table of Contents

Preface.....	i
Table of Contents.....	ii
Introduction.....	1
Order Anura.....	14
Family Allophrynidae.....	14
Family Arthroleptidae.....	14
Subfamily Arthroleptinae.....	14
Family Brachycephalidae.....	19
Family Bufonidae.....	19
Family Centrolenidae.....	34
Family Dendrobatidae.....	53
Family Discoglossidae.....	67
Family Hemisidae (= Hemisotidae).....	69
Family Hylidae.....	69
Subfamily Hemiphractinae.....	69
Subfamily Hylinae.....	75
Subfamily Pelodyadinae.....	106
Subfamily Phyllomedusinae.....	109
Family Hyperoliidae.....	112
Subfamily Hyperoliinae.....	112
Subfamily Kassinae.....	118
Subfamily Leptopelinae.....	120
Subfamily Tachycneminae.....	122
Family Leiopelmatidae.....	122
Family Leptodactylidae.....	122
Subfamily Ceratophryinae.....	122
Subfamily Hylodinae.....	123
Subfamily Leptodactylinae.....	125
Subfamily Telmatobiinae.....	129
Family Mantellidae.....	181
Family Microhylidae.....	188
Subfamily Asterophryinae.....	188
Subfamily Brevicipinae.....	193
Subfamily Cophylinae.....	194
Subfamily Dyscophinae.....	198
Subfamily Genyophryinae.....	198
Subfamily Melanobatrachinae.....	200
Subfamily Microhyalinae.....	200
Subfamily Otophryinae.....	204
Subfamily Phrynomerinae.....	204
Subfamily Scaphiophryinae.....	206
Family Myobatrachidae.....	207
Subfamily Limnodynastinae.....	208
Subfamily Myobatrachinae.....	209
Family Pelobatidae.....	212

Subfamily Megophryinae.....	212
Subfamily Pelobatinae.....	215
Family Pipidae.....	215
Subfamily Pipinae.....	215
Subfamily Siluraninae.....	216
Subfamily Xenopodinae.....	216
Family Pseudidae.....	217
Family Raninae.....	217
Subfamily Dicroglossinae.....	218
Subfamily Mantellinae (= Mantellidae).....	231
Subfamily Petropedetinae.....	232
Subfamily Ptychadeninae.....	235
Subfamily Pyxicephalinae.....	239
Subfamily Raninae.....	240
Subfamily Ranixalinae.....	281
Subfamily Tomopterninae.....	283
Family Rhacophoridae.....	285
Subfamily Buergeriinae.....	285
Subfamily Philautinae (= Rhacophorinae).....	285
Subfamily Rhacophorinae.....	286
Family Sooglossidae.....	298
Order Caudata.....	298
Family Ambystomatidae.....	298
Family Dicamptodontidae.....	299
Subfamily Rhyacotritoninae (= Rhyacotritonidae).....	299
Family Hynobiidae.....	299
Family Plethodontidae.....	302
Subfamily Desmognathinae.....	302
Subfamily Plethodontinae.....	302
Family Proteidae.....	308
Family Rhyacotritonidae.....	308
Family Salamandridae.....	309
Order Gymnophiona.....	312
Family Caeciliidae.....	312
Family Ichthyophiidae.....	314
Subfamily Uraeotyphlinae (= Uraeotyphlidae).....	315
Family Scolecomorphidae.....	315
Family Typhlonectidae.....	315
Family Uraeotyphylidae.....	316
Appendix I. Literature Abbreviations.....	318
Appendix II. Museum Abbreviations.....	322
Taxonomic Index.....	324

Introduction

The appearance of *Amphibian Species of the World* in 1985 (Darrel R. Frost, Editor; Allen Press, Inc., and the Association of Systematics Collections, Lawrence, Kansas, USA) was a major landmark in herpetological publication; for the first time in more than a century an accurate, up-to-date checklist of the living amphibians of the world was available. Of course, any checklist is out of date by the time it is published, because systematics and taxonomy are dynamic fields that express new knowledge. One measure of this change is that 32 more genera and 519 more species of amphibians are recognized today than in *Amphibian Species of the World*.

This compilation is an interim updating of *Amphibian Species of the World*. It includes all known changes and additions published through 31 December 1992 and is designed to provide information on the current taxonomic status of living amphibians until a second edition of *Amphibian Species of the World* can be compiled and published. Taxa are arranged alphabetically by order, family (and subfamily), genus, and species. If a species has been moved to a genus different from that in *Amphibian Species of the World*, the name appears under the new combination with the notation “Changed from: ...” and also in the original combination with the notation “Changed to:” Taxa that have been eliminated are noted “Delete. Synonym of” In such cases, the authority is given on the following line. Where sections on CITATION, TYPE SPECIES, TYPE(S), TYPE LOCALITY, DISTRIBUTION, and COMMENT have been amended, these are either entirely rewritten or noted as “Change to read:” In the latter case it is necessary to refer to the statements in *Amphibian Species of the World*. Usually references to modifications are given in COMMENT; in the case of the other categories, the reference is given under Authority. New literature abbreviations and new museum abbreviations are given in Appendix 1 and Appendix 2, respectively.

The present compilation differs notably from *Amphibian Species of the World* in the recognition of four more families—Allophrynidae (formerly within Hylidae), Mantellidae (formerly a subfamily of Ranidae), Rhyacotritonidae (formerly a subfamily of Dicamptodontidae), and Uraeotyphlidae (formerly a subfamily of Ichthyophiidae). Extensive changes in the recognition and contents of subfamilies are notable in the Hyperoliidae, Rhacophoridae, and especially the Ranidae. Additional genera are recognized by the discovery of distinctive new taxa (e.g., *Scarthyla*; Duellman and de Sá, 1988, Trop. Zool., 1:117–136), the fragmentation of large genera into monophyletic units (e.g., *Dendrobates*; Myers, 1987, Pap. Avul. Zool., São Paulo, 36:301–306), cladistic analyses resulting in restructuring of genera (e.g., *Ptychohyla*; Campbell and Smith, 1992, Herpetologica, 48:153–167). By far the largest number of new species since 1985 have been described from the neotropics; far fewer have been named from tropical Africa and Asia, but numerous salamanders and anurans have been described from China. The recognition of some new taxa has been based on biochemical evidence; this is especially true in *Plethodon* (Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:1–53).

Some reviewers have suggested that certain published taxonomic changes should not be accepted. Most such comments were directed at the classification of ranids proposed by Dubois (1987 “1986”, Alytes 5:38–39; 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352). The author of a checklist, such as this, must depend on the published information; value judgements are not justified. The inclusion of given taxonomic changes in no way implies my personal agreement with the information presented; it simply is the state of the taxonomy as

published through 1992. However, the numerous names proposed by Wells and Wellington (1985, Aust. J. Herpetol., Suppl. Ser., 1:1–98) for Australian frogs have not been included because the new names and taxonomic changes were not justified by data (see Tyler, 1985, Herpetol. Rev., 16:69). These changes have not been accepted by Australian herpetologists (e.g., Cogger, 1992, Rept. Amph. Aust.), who have requested the International Commission on Zoological Nomenclature to suppress the names. Likewise, Collins' (1991, Herpetol. Rev. 22:42–43) suggestion to elevate 14 subspecies of North American amphibians to species based on the evolutionary species concept advocated by Frost and Hillis (1990, Herpetologica, 46:87–104) is ignored for lack of evidence and logic, as critiqued by Dowling (1993, Herpetol. Rev., 24:11–13).

The political geography of parts of Asia and Europe has changed significantly since the publication of *Amphibian Species of the World*, and in the case of the former Yugoslavia remains unsettled. The political changes, such as the recognition of republics that formerly were part of the USSR, have not been incorporated.

Following is a tabulation of the numbers of species in each genus as recognized in *Amphibian Species of the World* (Frost, 1985) and as listed herein for 1992. The summary of numbers of families, genera, and species was compiled from the original and the updated lists.

Table 1. Generic List and Numbers of Species.

Family	Subfamily	Genus	Species		
			1985	1992	
ANURA:					
Allophrynidae	—	<i>Allophryne</i> ¹	1	1	
Arthroleptidae	Arthroleptinae	<i>Arthroleptis</i>	12	33	
		<i>Cardioglossa</i>	16	16	
		<i>Schoutedenella</i>	20	0	
	Astylosterninae	<i>Astylosternus</i>	11	11	
		<i>Leptodactylon</i>	11	11	
		<i>Nyctibates</i>	1	1	
		<i>Scotoleps</i>	1	1	
		<i>Trichobatrachus</i>	1	1	
	Brachycephalidae	—	<i>Brachycephalus</i>	1	2
			<i>Psyllophryne</i>	1	1
Bufonidae	—	<i>Altiphrynoides</i>	0	1	
		<i>Andinophryne</i>	0	3	
		<i>Ansonia</i>	17	19	
		<i>Atelophryniscus</i>	0	1	
		<i>Atelopus</i>	43	49	
		<i>Bufo</i>	206	211	
		<i>Bufoides</i>	1	1	
		<i>Capensibufo</i>	2	2	

Family	Subfamily	Genus	Species	
			1985	1992
		<i>Crepidophryne</i>	1	1
		<i>Dendrophryniscus</i>	3	3
		<i>Didynamipus</i>	1	1
		<i>Frostius</i>	0	1
		<i>Laurentophryne</i>	1	1
		<i>Leptophryne</i>	2	2
		<i>Melanophryniscus</i>	8	9
		<i>Mertensophryne</i>	2	1
		<i>Nectophryne</i>	2	2
		<i>Nectophrynoides</i>	8	5
		<i>Nimbaphrynoides</i>	0	1
		<i>Oreophrynella</i>	2	3
		<i>Osornophryne</i>	2	5
		<i>Pedostibes</i>	6	6
		<i>Pelophryne</i>	8	8
		<i>Peltophryne</i>	9	9
		<i>Pseudobufo</i>	1	1
		<i>Rhamphophryne</i>	6	9
		<i>Schismaderma</i>	1	1
		<i>Spinophrynoides</i>	0	1
		<i>Stephopaedes</i>	1	2
		<i>Werneria</i>	4	4
		<i>Wolterstorffina</i>	2	2
Centrolenidae	—	<i>Centrolene</i>	1	27
		<i>Centrolenella</i>	59	0
		<i>Cochranella</i>	0	42
		<i>Hyalinobatrachium</i>	0	25
Dendrobatidae	—	<i>Allobates</i>	0	1
		<i>Aromobates</i>	0	1
		<i>Colostethus</i>	63	90
		<i>Dendrobates</i>	47	25
		<i>Epipedobates</i>	0	18
		<i>Mannophryne</i>	0	8
		<i>Minyobates</i>	0	8
		<i>Phobobates</i>	0	3
		<i>Phyllobates</i>	5	5
Discoglossidae	—	<i>Alytes</i>	2	3
		<i>Balaeophryne</i>	1	0
		<i>Barbourula</i>	2	2
		<i>Bombina</i>	6	5
		<i>Discoglossus</i>	3	6
Heleophrynidae	—	<i>Heleophryne</i>	4	5
Hemisotidae	—	<i>Hemisus</i>	8	8

Family	Subfamily	Genus	Species	
			1985	1992
Hylidae	Hemiphractinae	<i>Amphignathodon</i>	1	0
		<i>Cryptobatrachus</i>	3	3
		<i>Flectonotus</i>	2	5
		<i>Fritziana</i>	3	0
		<i>Gastrotheca</i>	39	45
		<i>Hemiphractus</i>	5	5
		<i>Stefania</i>	7	7
	Hylinae	<i>Acris</i>	2	2
		<i>Anotheca</i>	1	1
		<i>Aparasphenodon</i>	2	2
		<i>Aplastodiscus</i>	1	1
		<i>Argenteohyla</i>	1	1
		<i>Calyptahyla</i>	1	1
		<i>Corythomantis</i>	1	1
		<i>Duellmanohyla</i>	0	8
		<i>Hyla</i>	258	281
		<i>Limnaoedus</i>	1	0
		<i>Nyctimantis</i>	1	1
		<i>Ololygon</i>	54	0
		<i>Osteocephalus</i>	6	14
		<i>Osteopilus</i>	3	3
		<i>Phrynohyas</i>	5	5
		<i>Phyllodytes</i>	4	7
		<i>Plectrohyla</i>	13	15
		<i>Pseudacris</i>	7	11
		<i>Pterohyla</i>	2	2
		<i>Ptychohyla</i>	6	10
		<i>Scarthyla</i>	0	1
		<i>Scinax</i>	0	76
		<i>Smilisca</i>	6	6
		<i>Sphaenohrynchus</i>	10	11
		<i>Trachycephalus</i>	3	3
		<i>Tripirion</i>	2	2
	Pelodryadinae	<i>Cyclorana</i>	13	13
		<i>Litoria</i>	104	105
		<i>Nyctimystes</i>	26	23
		<i>Pelodryas</i>	0	2
	Phyllomedusinae	<i>Agalychnis</i>	8	8
		<i>Hylomantis</i>	0	2
		<i>Pachymedusa</i>	1	1
		<i>Phasmahyla</i>	0	4
		<i>Phrynomedusa</i>	0	3
		<i>Phyllomedusa</i>	33	28
Hyperoliidae	Hyperoliinae	<i>Acanthixalus</i>	1	1
		<i>Afrixalus</i>	24	27

Family	Subfamily	Genus	Species	
			1985	1992
Leiopelmatidae		<i>Alexteroon</i>	0	1
		<i>Arlequinus</i>	0	1
		<i>Callixalus</i>	1	1
		<i>Chlorolius</i>	0	1
		<i>Chrysobatrachus</i>	1	1
		<i>Cryptothylax</i>	2	2
		<i>Heterixalus</i>	8	8
		<i>Hyperolius</i>	118	112
		<i>Kassinula</i>	1	1
		<i>Nesionixalus</i>	0	2
	Kassininae	<i>Kassina</i>	12	13
		<i>Opisthothylax</i>	1	1
		<i>Paracassina</i>	0	2
		<i>Phlyctimantis</i>	1	1
		<i>Semnodactylus</i>	0	1
		<i>Tornierella</i>	2	0
	Leptopelinae	<i>Leptopelis</i>	44	49
	Tachycneminae	<i>Tachycnemis</i>	1	1
	—	<i>Ascaphus</i>	1	1
		<i>Leiopelma</i>	3	3
Leptodactylidae	Ceratophryinae	<i>Ceratophrys</i>	6	8
		<i>Chacophrys</i>	0	1
		<i>Lepidobatrachus</i>	3	3
	Hylodinae	<i>Crossodactylus</i>	5	6
		<i>Hylodes</i>	14	16
		<i>Megaelosia</i>	1	2
	Leptodactylinae	<i>Adenomera</i>	7	6
		<i>Edalorhina</i>	2	2
		<i>Hydrolaetare</i>	1	1
		<i>Leptodactylus</i>	49	50
		<i>Limnomedusa</i>	1	1
		<i>Lithodytes</i>	1	1
		<i>Paratelmatobius</i>	2	2
		<i>Physalaemus</i>	33	37
		<i>Pleurodema</i>	12	12
		<i>Pseudopaludicola</i>	5	8
		<i>Vanzolinius</i>	1	1
	Telmatobiinae	<i>Adelophryne</i>	2	2
		<i>Alsodes</i>	11	9
		<i>Atelognathus</i>	7	7
		<i>Atopophrynus</i> ²	1	1

Family	Subfamily	Genus	Species	
			1985	1992
		<i>Barycholos</i>	2	2
		<i>Batrachophrynus</i>	1	1
		<i>Batrachyla</i>	3	3
		<i>Caudiverbera</i>	1	1
		<i>Crossodactylodes</i>	3	3
		<i>Cycloramphus</i>	23	25
		<i>Dischidodactylus</i>	1	2
		<i>Eleutherodactylus</i>	405	512
		<i>Euparkerella</i>	1	4
		<i>Eupsophus</i>	5	8
		<i>Geobatrachus</i>	1	1
		<i>Holoaden</i>	2	2
		<i>Hylactophryne</i>	3	0
		<i>Hylorina</i>	1	1
		<i>Insuetophrynus</i>	1	1
		<i>Ischnocnema</i>	3	4
		<i>Lynchophrys</i>	1	1
		<i>Macrogenioglottus</i>	1	1
		<i>Odontophrynus</i>	6	7
		<i>Phrynopus</i>	16	20
		<i>Phyllonastes</i>	2	4
		<i>Phyzelaphryne</i>	1	1
		<i>Proceratophrys</i>	10	11
		<i>Scythrophrys</i>	1	1
		<i>Sminthillus</i>	1	0
		<i>Somuncuria</i>	1	1
		<i>Syrrhophus</i>	15	0
		<i>Telmalsodes</i>	0	2
		<i>Telmatobius</i>	30	34
		<i>Telmatobufo</i>	3	3
		<i>Thoropa</i>	3	5
		<i>Tomodactylus</i>	9	0
		<i>Zachaenus</i>	3	3
Mantellidae	—	<i>Laurentomantis</i>	3	3
		<i>Mantella</i>	4	7
		<i>Mantidactylus</i>	53	58
		<i>Pseudophilautus</i>	1	1
Microhylidae	Asterophryinae	<i>Asterophrys</i>	1	1
		<i>Bargenys</i>	7	7
		<i>Callulops</i>	0	13
		<i>Hylophorbus</i>	1	1
		<i>Mantophryne</i>	0	3
		<i>Pherohapsis</i>	1	1
		<i>Phrynomantis</i>	15	0
		<i>Xenobatrachus</i>	9	17
		<i>Xenorhina</i>	6	6

Family	Subfamily	Genus	Species	
			1985	1992
	Brevicipinae	<i>Balebreviceps</i>	0	1
		<i>Breviceps</i>	12	13
		<i>Callulina</i>	1	1
		<i>Probreviceps</i>	3	3
		<i>Speleophryne</i>	1	1
	Cophylinae	<i>Anodonthyla</i>	3	4
		<i>Cophyla</i>	1	1
		<i>Madecassophryne</i>	1	1
		<i>Mantipus</i>	7	0
		<i>Paracophyla</i>	1	0
		<i>Platypelis</i>	9	10
		<i>Plethodontohyla</i>	7	13
		<i>Rhombophryne</i>	1	1
		<i>Stumpffia</i>	5	8
	Dyscophinae	<i>Calluella</i>	6	6
		<i>Dyscophus</i>	3	3
	Genyophryninae	<i>Aphantophryne</i>	0	2
		<i>Choerophryne</i>	1	1
		<i>Cophixalus</i>	23	28
		<i>Copiula</i>	3	4
		<i>Genyophryne</i>	1	1
		<i>Oreophryne</i>	24	24
		<i>Sphenophryne</i>	17	18
	Melanobatrachinae	<i>Hoplophryne</i>	2	2
		<i>Melanobatrachus</i>	1	1
		<i>Parhoplophryne</i>	1	1
	Microhylinae	<i>Adelastes</i>	0	1
		<i>Arcovomer</i>	1	1
		<i>Chaperina</i>	1	1
		<i>Chiasmocleis</i>	12	12
		<i>Ctenophryne</i>	1	2
		<i>Dasypops</i>	1	1
		<i>Dermatonotus</i>	1	1
		<i>Elachistocleis</i>	4	4
		<i>Gastrophryne</i>	5	5
		<i>Gastrophrynoides</i>	1	1
		<i>Glossostoma</i>	2	0
		<i>Glyphoglossus</i>	1	1
		<i>Hamptophryne</i>	1	1
		<i>Hyophryne</i>	1	1
		<i>Hypopachus</i>	2	2
		<i>Kalophrynus</i>	10	11
		<i>Kaloula</i>	9	9

Family	Subfamily	Genus	Species	
			1985	1992
Myobatrachidae		<i>Metaphrynella</i>	2	2
		<i>Microhyla</i>	21	22
		<i>Micryletta</i>	0	2
		<i>Myersiella</i>	1	1
		<i>Nelsonophryne</i>	0	2
		<i>Phrynella</i>	1	1
		<i>Ramanella</i>	8	8
		<i>Relictivomer</i>	1	1
		<i>Stereocyclops</i>	1	1
		<i>Synapturanus</i>	3	3
		<i>Syncope</i>	2	2
		<i>Uperodon</i>	2	2
	Otophryinae	<i>Otophryne</i>	1	1
	Phrynomerinae	<i>Phrynomantis</i>	0	5
		<i>Phrynomerus</i>	4	0
	Scaphiophryinae	<i>Paradoxophyla</i>	0	1
		<i>Pseudohemisus</i>	6	0
		<i>Scaphiophryne</i>	1	8
	Limnodynastinae	<i>Adelotus</i>	1	1
		<i>Heleioporus</i>	6	6
		<i>Kyarranus</i>	3	3
		<i>Lechriodus</i>	4	4
		<i>Limnodynastes</i>	12	12
		<i>Megistolotis</i>	1	1
		<i>Mixophyes</i>	4	6
		<i>Neobatrachus</i>	7	9
		<i>Notaden</i>	3	4
		<i>Philoria</i>	1	1
		<i>Rheobatrachus</i>	2	2
	Myobatrachinae	<i>Arenophryne</i>	1	1
		<i>Assa</i>	1	1
		<i>Crinia</i>	14	14
		<i>Geocrinia</i>	4	4
		<i>Metacrinia</i>	0	1
		<i>Myobatrachus</i>	1	1
		<i>Paracrinia</i>	1	1
		<i>Pseudophryne</i>	11	10
		<i>Taudactylus</i>	5	6
		<i>Uperoleia</i>	17	22
Pelobatidae	Megophryinae	<i>Atympanophrys</i>	1	0
		<i>Brachytarsophrys</i>	1	0
		<i>Leptobranchella</i>	6	7
		<i>Leptobranchium</i>	11	11

Family	Subfamily	Genus	Species	
			1985	1992
		<i>Leptolalax</i>	4	5
		<i>Megophrys</i>	22	25
		<i>Ophryophryne</i>	0	3
		<i>Scutiger</i>	29	29
	Pelobatinae	<i>Pelobates</i>	4	4
		<i>Scaphiopus</i>	6	2
		<i>Spea</i>	0	4
	Pelodytidae	<i>Pelodytes</i>	2	2
	Pipidae	Pipinae	7	7
		Siluranae	0	2
		Xenopodinae	4	4
		<i>Hymenochirus</i>	4	4
		<i>Pseudhymenochirus</i>	1	1
		<i>Xenopus</i>	14	14
Pseudidae	—	<i>Lysapsus</i>	2	1
		<i>Pseudis</i>	2	2
Ranidae	Dicroglossinae	<i>Ceratobatrachus</i>	1	1
		<i>Conraua</i>	6	6
		<i>Discodeles</i>	5	5
		<i>Elachyglossa</i>	1	1
		<i>Euphlyctis</i>	0	4
		<i>Hoplobatrachus</i>	0	5
		<i>Ingerana</i>	0	8
		<i>Limnonectes</i>	0	62
		<i>Occidozyga</i>	9	1
		<i>Palmatorappia</i>	1	1
		<i>Phrynoglossus</i>	0	8
		<i>Platymantis</i>	39	37
		<i>Taylorana</i>	0	2
	Petropedetinae	<i>Anhydrophryne</i>	1	1
		<i>Arthroleptella</i>	2	2
		<i>Arthroleptides</i>	2	2
		<i>Cacosternum</i>	5	7
		<i>Dimorphognathus</i>	1	1
		<i>Ericabatrachus</i>	0	1
		<i>Microbatrachella</i>	1	1
		<i>Natalobatrachus</i>	1	1
		<i>Nothophryne</i>	1	1
		<i>Petropedetes</i>	7	7
		<i>Phrynobatrachus</i>	64	66
		<i>Phrynodon</i>	1	1
		<i>Poyntonia</i>	0	1

Family	Subfamily	Genus	Species		
			1985	1992	
Rhacophoridae	Ptychadenidae	<i>Hildebrandtia</i>	3	3	
		<i>Lanzarana</i>	1	1	
		<i>Ptychadena</i>	38	40	
	Pyxicephalinae	<i>Aubria</i>	1	2	
		<i>Pyxicephalus</i>	2	2	
	Raninae	<i>Altirana</i>	1	1	
		<i>Amolops</i>	23	34	
		<i>Batrachylodes</i>	8	8	
		<i>Chaparana</i>	0	6	
		<i>Micrixalus</i>	12	7	
		<i>Nannobatrachus</i>	3	0	
		<i>Nanorana</i>	1	2	
		<i>Paa</i>	0	25	
		<i>Rana</i>	272	222	
		<i>Staurois</i>	3	3	
		<i>Strongylopus</i>	5	0	
	Ranixalinae	<i>Indirana</i>	0	9	
		<i>Nannophrys</i>	3	3	
		<i>Nyctibatrachus</i>	5	11	
	Tomopterninae	<i>Tomopterna</i>	13	13	
	Buergeriinae	<i>Buergeria</i>	4	4	
		Rhacophorinae	<i>Aglyptodactylus</i>	1	1
			<i>Boophis</i>	28	27
	<i>Chirixalus</i>		7	8	
	<i>Chiromantis</i>		3	3	
	<i>Nyctixalus</i>		3	3	
	<i>Philautus</i>		62	79	
	<i>Polypedates</i>		12	12	
	<i>Rhacophorus</i>		56	57	
	<i>Theloderma</i>	10	10		
Rhinodermatidae	—	<i>Rhinoderma</i>	2	2	
Rhinophrynidae	—	<i>Rhinophrynus</i>	1	1	
Sooglossidae	—	<i>Nesomantis</i>	1	1	
		<i>Sooglossus</i>	2	2	
CAUDATA:					
Ambystomatidae	—	<i>Ambystoma</i>	27	28	
		<i>Rhyacosiredon</i>	4	4	

Family	Subfamily	Genus	Species	
			1985	1992
Amphiumidae	—	<i>Amphiuma</i>	3	3
Cryptobranchidae	—	<i>Andrias</i>	2	2
		<i>Cryptobranchus</i>	1	1
Dicamptodontidae	—	<i>Dicamptodon</i>	3	4
Hynobiidae	—	<i>Batrachuperus</i>	6	7
		<i>Hynobius</i>	18	22
		<i>Liua</i>	1	1
		<i>Onychodactylus</i>	2	2
		<i>Pachyhynobius</i>	1	1
		<i>Pachypalaminus</i>	1	0
		<i>Paradactylon</i>	1	0
		<i>Ranodon</i>	2	2
		<i>Salamandrella</i>	1	1
Plethodontidae	Desmognathinae	<i>Desmognathus</i>	11	12
		<i>Leurognathus</i>	1	1
		<i>Phaeognathus</i>	1	1
	Plethodontinae	<i>Aneides</i>	5	5
		<i>Batrachoseps</i>	8	8
		<i>Bolitoglossa</i>	67	67
		<i>Bradytriton</i>	1	1
		<i>Chiropterotriton</i>	9	9
		<i>Dendrotriton</i>	5	5
		<i>Ensatina</i>	1	1
		<i>Eurycea</i>	11	13
		<i>Gyrinophilus</i>	2	3
		<i>Haideotriton</i>	1	1
		<i>Hemidactylium</i>	1	1
		<i>Hydromantes</i>	5	6
		<i>Ixalotriton</i>	0	1
		<i>Lineatriton</i>	1	1
		<i>Nototriton</i>	6	8
		<i>Nyctanolis</i>	1	1
		<i>Oedipina</i>	16	16
		<i>Parvimolge</i>	1	1
		<i>Plethodon</i>	27	42
		<i>Pseudoeurycea</i>	25	27
		<i>Pseudotriton</i>	2	2
		<i>Stereochilus</i>	1	1
		<i>Thorius</i>	9	9
		<i>Typhlomolge</i>	2	2
		<i>Typhlotriton</i>	1	1
Proteidae	—	<i>Necturus</i>	5	5

Family	Subfamily	Genus	Species	
			1985	1992
		<i>Proteus</i>	1	1
Rhyacotritonidae	—	<i>Rhyacotriton</i> ³	1	4
Salamandridae	—	<i>Chioglossa</i>	1	1
		<i>Cynops</i>	7	8
		<i>Echinotriton</i>	0	3
		<i>Euproctus</i>	3	3
		<i>Mertensiella</i>	2	2
		<i>Neurergus</i>	4	4
		<i>Notophthalmus</i>	3	3
		<i>Pachytriton</i>	1	2
		<i>Paramesotriton</i>	5	6
		<i>Pleurodeles</i>	2	2
		<i>Salamandra</i>	2	2
		<i>Salamandrina</i>	1	1
		<i>Taricha</i>	3	3
		<i>Triturus</i>	12	12
		<i>Tylototriton</i>	7	3
Sirenidae	—	<i>Pseudobranchius</i>	1	1
		<i>Siren</i>	2	2
GYMNOPIHONA:				
Caeciliidae	—	<i>Afrocaecilia</i>	3	3
		<i>Boulengerula</i>	1	1
		<i>Brasilotyphlus</i>	1	1
		<i>Caecilia</i>	31	32
		<i>Copeotyphlinus</i>	1	0
		<i>Dermophis</i>	3	3
		<i>Gegeneophis</i>	3	3
		<i>Geotrypetes</i>	4	3
		<i>Grandisonia</i>	5	5
		<i>Gymnopsis</i>	1	2
		<i>Herpele</i>	2	2
		<i>Hypogeophis</i>	1	1
		<i>Idiocranium</i>	1	1
		<i>Indotyphlus</i>	1	1
		<i>Luetkenotyphlus</i>	1	1
		<i>Microcaecilia</i>	5	5
		<i>Mimosiphonops</i>	1	2
		<i>Minascaecilia</i>	1	0
		<i>Oscaecilia</i>	7	9
		<i>Parvicaecilia</i>	2	2
		<i>Praslinia</i>	1	1
		<i>Pseudosiphonops</i>	1	0
		<i>Schistometopum</i>	5	5
		<i>Siphonops</i>	6	5

Family	Subfamily	Genus	Species	
			1985	1992
Ichthyophiidae	—	<i>Sylvacaecilia</i>	0	1
		<i>Caudacaecilia</i>	5	5
		<i>Ichthyophis</i>	31	32
Rhinatrematidae	—	<i>Epicrionops</i>	8	8
		<i>Rhinatrema</i>	1	1
Scolecomorphidae	—	<i>Crotaphatrema</i>	0	2
		<i>Scolecomorphus</i>	7	3
Typhlonectidae	—	<i>Chthonerpeton</i>	6	6
		<i>Nectocaecilia</i>	5	4
		<i>Potomotyphlus</i>	2	2
		<i>Typhlonectes</i>	6	7
Uraeotyphlidae	—	<i>Uraeotyphlus</i>	4	4

¹ Placed in Hylidae in 1985.

² Placed in Dendrobatidae in 1985.

³ Placed in Dicamptodontidae in 1985.

Table 2. Numerical Summary.

Taxon	Families		Genera		Species	
	1985	1992	1985	1992	1985	1992
Anura	23	25	301	334	3483	3967
Caudata	9	10	61	61	357	392
Gymnophiona	5	6	34	33	163	163
TOTAL	37	41	396	428	4003	4522

ORDER ANURA

FAMILY: Allophrynidae Goin, Goin, and Zug, 1978.

CITATION: Intr. Herpetol., Ed. 3:240.

DISTRIBUTION: As for the single species.

COMMENT: The first usage of the family-group name was by Savage, 1973, *In Vial* (ed.), *Evol. Biol. Anurans*:351–445, but no diagnosis was provided, so the name was a *Nomen nudum*. Savage, 1986, *Proc. Biol. Soc. Washington*, 99:43, formally diagnosed the family, but as pointed out by Dubois, 1986, *Alytes*, 4:94–96, the brief diagnosis of the family provided by Goin, Goin, and Zug, 1978, *Intr. Herpetol.*, Ed. 3:240, meets the requirements of the Code of Zoological Nomenclature for officially establishing the family group name. Laurent, 1986, *Traite Zool.*:706, did not recognize the family, and Dubois, 1987 “1986”, *Alytes* 5:25, considered the Allophryninae to be a subfamily of the Bufonidae.

Allophryne Gaige, 1926.

Changed from: Hylidae.

COMMENT: Delete lines 8–15. Replace with: 1986, *Proc. Biol. Soc. Washington*, 99:43, considered the species to represent a monotypic family, the Allophrynidae.

Allophryne ruthveni Gaige, 1926.

Changed from: Hylidae

SUBFAMILY: Arthroleptinae Mivart, 1869.

COMMENT: Change line 5 to read: Sooglossidae. Laurent, 1951, *Rev. Zool. Bot. Afr.*, 45:119, 1986, *Traite Zool.*:773, included this subfamily

Arthroleptis Smith, 1849.

COMMENT: Change to read: The content of this genus is controversial. Witte, 1921, *Rev. Zool. Afr.*, 9:19, named the genus *Schoutedenella* (type species, *Schoutedenella globosa* Witte, 1921, by monotypy), distinguished from *Arthroleptis* by the absence of maxillary teeth. Laurent, 1954, *Ann. Mus. R. Congo Belge, Tervuren, N.S., Quarto, Sci. Zool.*, 1:34, recognized the genus *Schoutedenella* to include all small species previously included in *Arthroleptis*. Subsequent authors, e.g., Loveridge, 1957, *Bull. Mus. Comp. Zool.*, 117:350; Schmidt and Inger, 1959, *Explor. Parc Natl. Upemba*, 56:123; and Poynton, 1964, *Ann. Natal Mus.*, 17:159, rejected this view. Laurent, 1961, *Publ. Univ. État, Elisabethville*, 1:200, and Laurent, 1973, *Rev. Zool. Bot. Afr.*, 87:666–678, maintained that *Schoutedenella* was valid, noting that to merge *Schoutedenella* with *Arthroleptis* would make *Arthroleptis* diphyletic, because he considered *Schoutedenella* to be more closely related to *Cardioglossa* than to *Arthroleptis*. Poynton, 1976, *Rev. Zool. Afr.*, 90:215–220, held that a sufficiently wide-ranging synthesis was needed to justify generic separation, i.e., the small-sized *Schoutedenella xenodactyloides* possesses maxillary teeth, yet absence of teeth was Witte's sole diagnostic feature for *Schoutedenella*. Based on these arguments, Poynton and Broadley, 1985, *Ann. Natal Mus.*, 26:535–536, considered *Schoutedenella* to be a synonym of *Arthroleptis*.

Arthroleptis adolfifriderici

DISTRIBUTION: Change last line to read: Kenya, and Tanzania.

Authority: Poynton and Broadley, 1985, *Ann. Natal Mus.*, 26:538–539.

Arthroleptis bivittatus .F. Müller, 1885.

Changed from: *Schoutedenella bivittata*.

ORIGINAL NAME: Delete.

TYPE LOCALITY: Change to read: "Tumbo Insel", near Conakry, Guinea.

COMMENT: Change to read: Synonymy includes *Arthroleptis variabilis* var. *picta* Andersson, 1907.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis cruscus Angel, 1950.

Changed from: *Schoutedenella cruscula*.

ORIGINAL NAME: *Arthroleptis* (*Arthroleptulus*) *crusculum*.

COMMENT: Delete.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis francei Loveridge, 1953. Bull. Mus. Comp. Zool., 110:387.

ORIGINAL NAME: *Arthroleptis adolfifriederici francei*.

TYPE(S): Holotype: MCZ 27479.

TYPE LOCALITY: Ruw River, just below Ruw Falls on Mulanje Mountain, about 5000 feet, Malawi.

DISTRIBUTION: Mulanje Mountain and perhaps Zambia Mountain, Malawi.

COMMENT: Elevated to species status by Poynton and Broadley, 1985, Ann. Natal Mus., 26:538–539.

Arthroleptis hematogaster (Laurent, 1954).

Changed from: *Schoutedenella hematogaster*.

ORIGINAL NAME: *Schoutedenella hematogaster*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis lameerei Witte, 1921.

Changed from: *Schoutedenella lameerei*.

ORIGINAL NAME: Delete.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis loveridgei Witte, 1933.

Changed from: *Schoutedenella loveridgei*.

ORIGINAL NAME: Delete.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

*Arthroleptis milleti*horsini Angel, 1922.

Changed from: *Schoutedenella milleti*horsini.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis mossoensis (Laurent, 1954).

Changed from: *Schoutedenella mossoensis*.

ORIGINAL NAME: *Schoutedenella mossoensis*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis nimbaensis Angel, 1950.

Changed from: *Schoutedenella nimbaensis*.

ORIGINAL NAME: *Arthroleptis* (*Arthroleptis*) *nimbaense*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis phrynoides (Laurent, 1976).

Changed from: *Schoutedenella phrynoides*.

ORIGINAL NAME: *Schoutedenella phrynoides*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis poecilonotus (Peters, 1863).

COMMENT: See comment under *Arthroleptis taeniatus*.

Arthroleptis pyrrhoscelis Laurent, 1952.

Changed from: *Schoutedenella pyrrhoscelis*.

ORIGINAL NAME: Delete.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis reichei

DISTRIBUTION: Change to read: Tanzania and Misuku Mountains of Malawi.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:539.

COMMENT: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:539.

Arthroleptis schubotzi Nieden, 1910.

Changed from: *Schoutedenella schubotzi*.

ORIGINAL NAME: Delete.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis spinalis Boulenger, 1919.

Changed from: *Schoutedenella spinalis*.

ORIGINAL NAME: Delete.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis stenodactylus

COMMENT: Add to end: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:536–538.

Arthroleptis sylvatica (Laurent, 1954).

Changed from: *Schoutedenella sylvatica*.

ORIGINAL NAME: *Schoutedenella sylvatica*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis taeniatus Boulenger, 1906. Ann Mag. Nat. Hist., (7)17:319.

TYPE(S): Holotype: BM.

TYPE LOCALITY: “Zima” (= Sangmelima), Cameroon.

DISTRIBUTION: Southern Cameroon.

COMMENT: Recognized as distinct from *Arthroleptis bivittatus* but noted to be similar to *Arthroleptis poecilonotus* by Perrett, 1991, Bull. Soc. Neuchâtel. Sci. Nat., 114:71–76.

Arthroleptis troglodytes Poynton, 1963.

Changed from: *Schoutedenella troglodytes*.

ORIGINAL NAME: Delete.

COMMENT: Change to read: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:539–540.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis vercammeni (Laurent, 1954).

Changed from: *Schoutedenella vercammeni*.

ORIGINAL NAME: *Schoutedenella vercammeni*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis xenochirus Boulenger, 1905.

Changed from: *Schoutedenella xenochirus*.

ORIGINAL NAME: Delete.

DISTRIBUTION: Change to read: Northern Angola, northern Zambia, southeastern Zaire, northern Malawi.

COMMENT: Change to read: Synonymy includes *Schoutedenella globosa* Witte, 1921, according to Poynton and Broadley, 1985, Ann. Natal Mus., 26:540–542.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–542.

Arthroleptis xenodactylus Boulenger, 1909.

Changed from: *Schoutedenella xenodactyla*.

ORIGINAL NAME: Delete.

DISTRIBUTION: Change to read: Montane forest in northeastern Tanzania.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Arthroleptis xenodactyloides Hewitt, 1933.

Changed from: *Schoutedenella xenodactyloides*.

ORIGINAL NAME: Delete.

DISTRIBUTION: Change to read: ... Mozambique, to northeastern Tanzania.

COMMENT: Two subspecies are recognized. See Poynton and Broadley, 1985, Ann. Natal Mus., 26:542–545.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–543.

Arthroleptis zimmeri (Ahl, 1923).

Changed from: *Schoutedenella zimmeri*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Cardioglossa melanogaster

COMMENT: See comment under *Cardioglossa schioetzi*.

Cardioglossa pulchra

COMMENT: See comment under *Cardioglossa trifasciata*.

Schoutedenella

Delete. Synonym of *Arthroleptis*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella bivittata.

Change to: *Arthroleptis bivittatus* F. Müller, 1885.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella cruscula.

Change to: *Arthroleptis cruscus* Angel, 1950.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella globosa

Delete. Synonym of *Arthroleptis xenochirus*.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella hematogaster

Change to: *Arthroleptis hematogaster* (Laurent, 1954).

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella lameerei

Change to: *Arthroleptis lameerei* Witte, 1921.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella loveridgei

Change to: *Arthroleptis loveridgei* Witte, 1933.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella milletihsorsini

Change to: *Arthroleptis milletihsorsini* Angel, 1922.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella mossoensis

Change to: *Arthroleptis mossoensis* (Laurent, 1954).

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella nimbaensis

Change to: *Arthroleptis nimbaensis* Angel, 1950.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella phrynoides

Change to: *Arthroleptis phrynoides* (Laurent, 1976).

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella pyrrhoscelis

Change to: *Arthroleptis pyrrhoscelis* Laurent, 1952.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella schubotzi

Change to: *Arthroleptis schubotzi* Nieden, 1910.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella spinalis

Change to: *Arthroleptis spinalis* Boulenger, 1919.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella sylvatica

Change to: *Arthroleptis sylvatica* (Laurent, 1954).

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella troglodytes

Change to: *Arthroleptis troglodytes* Poynton, 1963.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella vercammeni

Change to: *Arthroleptis vercammeni* (Laurent, 1954).

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella xenochirus

Change to: *Arthroleptis xenochirus* Boulenger, 1905.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella xenodactyla

Change to: *Arthroleptis xenodactylus* Boulenger, 1909.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella xenodactyloides

Change to: *Arthroleptis xenodactyloides* Hewitt, 1933.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

Schoutedenella zimmeri

Change to: *Arthroleptis zimmeri* (Ahl, 1923).

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 26:535–536.

FAMILY: Brachycephalidae Günther, 1858.

Changed from: **FAMILY: Brachycephalidae** Günther, 1859 “1858”.

CITATION: Change to read: Proc. Zool. Soc. London, 1858:344.

Authority: Dubois, 1987 “1986”, Alytes, 5:118.

Brachycephalus

TYPE SPECIES: Change to read: *Bufo ephippium* Spix, 1824, by monotypy.

Brachycephalus ephippium

COMMENT: Delete last sentence.

Brachycephalus nodoterga Miranda-Ribeiro, 1920. Rev. Mus. Paulista, 12:134.

TYPE(S): MZUSP.

TYPE LOCALITY: Serra Cantareira, São Paulo, Brazil.

DISTRIBUTION: Coastal ranges of São Paulo in southeastern Brazil.

COMMENT: Removed from the synonymy of *Brachycephalus ephippium* by Heyer, Rand, Cruz, Peixoto, and Nelson, 1990, Arq. Zool., 31:245.

FAMILY: Bufonidae Gray, 1825.

COMMENT: Change line 6 to read: 40. Dubois, 1987 “1986”, Alytes, 5:25, recognized, but did not define, five subfamilies—Bufoninae, Atelopodinae, Torniereobatinae, Adenominae, and Allophryninae; the latter is recognized here as a separate family. Reig ... Change line 17 to read: *pernambucensis*, *Atelopus*, and *Dendrophryniscus*. Cannatella, 1986, Herpetologica, 42:201–04, discussed the phylogeny of neotropical genera. Tihen, 1960, Copeia, 1960:225–233;

Altiphrynoides Dubois, 1987 “1986”. Alytes, 5:27.

TYPE SPECIES: *Nectophrynoides malcolmi* Grandison, 1978, by original designation.

DISTRIBUTION: Balé Province, Ethiopia.

COMMENT: Distinguished from *Nectophrynoides* by reproductive and developmental mode by Dubois 1987 “1986”, Alytes, 5:27.

Altiphrynoides malcolmi (Grandison, 1978).

Changed from: *Nectophrynoides malcolmi*.

ORIGINAL NAME: *Nectophrynoides malcolmi*.

Authority: Dubois, 1987 “1986”, Alytes, 5:27.

Andinophryne Hoogmoed, 1985. Zool. Meded., Leiden, 59:254.

TYPE SPECIES: *Andinophryne colomai* Hoogmoed, 1985, by original designation.

DISTRIBUTION: Low to moderate elevations (500–2190 m) on the western slopes of the Andes in northwestern Ecuador and southwestern Colombia.

Andinophryne atelopoides (Lynch and Ruíz-Carranza, 1981).

Changed from: *Bufo atelopoides*.

ORIGINAL NAME: *Bufo atelopoides*.

Authority: Hoogmoed, 1985, Zool. Meded., Leiden, 59:263.

Andinophryne colomai Hoogmoed, 1985. Zool. Meded., Leiden, 59:264.

TYPE(S): Holotype: RMNH 21905.

TYPE LOCALITY: “Cabacera del Río Baboso, cerca a Lita,” Provincia Carchi, Ecuador.

DISTRIBUTION: Known only from the type locality.

Andinophryne olallai Hoogmoed, 1985. Zool. Meded., Leiden, 59:269.

TYPE(S): Holotype: BM 1970.98.

TYPE LOCALITY: Tandayapa, Provincia Pichincha, Ecuador.

DISTRIBUTION: Known only from the type locality.

Ansonia leptopus

DISTRIBUTION: Change to read: Northern, western, and central Borneo, and peninsular Malaysia.

COMMENT: Synonymy includes *Ansonia longidigita gryllivoca* Inger, 1960, according to Inger and Dring, 1988, Malay. Nat. J., 41:461-471.

Authority: Inger and Dring, 1988, Malay Nat. J., 41:461-471.

Ansonia ornata

Change to read: *Ansonia ornata* Günther, 1876 "1875."

Authority: Dubois, 1987 "1986", Alytes, 5: 130.

Ansonia siamensis Kiew, 1984, Nat. Hist. Bull. Siam Soc., 32:111.

TYPE(S): Holotype: BM 1979.443.

TYPE LOCALITY: Khao Chong, Trang Province, Thailand.

DISTRIBUTION: Known only from the type locality.

Ansonia spinulifer Mocquard, 1890. Nouv. Arch. Mus. Natl. Hist. Nat., Paris, (3)2:160.

TYPE(S): Syntypes: In MNHNP

TYPE LOCALITY: Mount Kina Balu, North Borneo.

DISTRIBUTION: Northern and western Borneo.

COMMENT: Ressurrected from the synonymy of *Ansonia leptopus* by Inger and Dring, 1988, Malay. Nat. J., 41:461-471.

Atelophryniscus McCranie, Wilson, and Williams, 1989. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 129:2.

TYPE SPECIES: *Atelophryniscus chrysophorus* McCranie, Wilson, and Williams, 1989, by original designation.

DISTRIBUTION: As for the single species.

Atelophryniscus chrysophorus McCranie, Wilson, and Williams, 1989. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 129:3.

TYPE(S): Holotype: KU 206730.

TYPE LOCALITY: Quebrada de Oro (15°38'N, 86°47'W), elevation 880 m, tributary of Río Viejo, south slope of Cerro Búfalo, Cordillera de Nombre de Dios, Departamento Atlántida, Honduras.

DISTRIBUTION: Vicinity of the type locality in the Cordillera de Nombre de Dios in northern Honduras.

Atelopus echeverii Rivero and Serna. 1985, Caribb. J. Sci., 21:80.

TYPE(S): FMNH 81875.

TYPE LOCALITY: Camino Sibaté-Aguadita 2500 m, Departamento Cundinamarca, Colombia.

DISTRIBUTION: Type locality in the Cordillera Oriental of Colombia.

Atelopus minutulus Ruíz-Carranza, Hernández-Camacho, and Ardilla, 1988.

Trianea, 1:58.

TYPE(S): Holotype: ICN 13709.

TYPE LOCALITY: Km 13-15 carretera Guayebetel-Manzanaraes, Vereda Portachuelo, 1560 m, Municipio de Acacías, Departamento de Meta, Colombia.

DISTRIBUTION: Vicinity of the type locality on the eastern slope of the Cordillera Oriental, Colombia.

Atelopus mucubajiensis

DISTRIBUTION: Change to read: Vicinity of type locality 2300–3100 m.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela: 14.

Atelopus muisca Rueda-Almonacid and Hoyos, 1991. Trianea, 4:472.

TYPE(S): Holotype: IND-AN 4650.

TYPE LOCALITY: "Sitio 'La Arboleda', montaña de 'El Cóndor', sector de Chuza, Parque Nacional Natural Chingaza, Departamento de Cundinamarca, 3350 msnm," Colombia.

DISTRIBUTION: Vicinity of the type locality at elevations of 2900–3350 m in the Parque Nacional Natural Chingaza in the Cordillera Oriental of central Colombia.

COMMENT: In the *Atelopus ignescens* group according to original description.

Atelopus nicefori

COMMENT: Delete [This is in reference to specimen named as *Atelopus echeverii* by Rivero and Serna, 1985, Caribb. J. Sci., 21: 80].

Atelopus pernambucensis

Change to: *Frostius pernambucensis*.

Authority: Cannatella, 1986, Herpetologica, 42:198.

Atelopus peruensis Gray and Cannatella, 1985. Copeia, 1985:912.

TYPE(S): Holotype: KU 181540.

TYPE LOCALITY: 33 km SW Celendín, 3200 m (07°00'S, 78°10'W), Departamento Cajamarca, Peru.

DISTRIBUTION: Elevations of 2800–4000 m in the Andes of northern Peru.

COMMENT: In the *Atelopus ignescens* group according to original description.

Atelopus pictiventris Kattan, 1986. Caldasia, 14:651.

TYPE(S): Holotype: MVC 6027.

TYPE LOCALITY: Estación Corea, 2600 m, Parque Nacional Farallones de Cali, Departamento del Valle, Colombia.

DISTRIBUTION: Known only from the type locality in the southern part of the Cordillera Occidental in southwestern Colombia.

COMMENT: In the *Atelopus ignescens* group according to original description.

Atelopus pinangoi

Change reference to Rivero 1982 "1980."

Atelopus planispinus

DISTRIBUTION: Change to read: Volcán Sumaco and Cordillera de Cutucú, Ecuador.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Atelopus rugulosus

Delete. Synonym of *Atelopus tricolor*.

Authority: Reynolds and Foster, 1992, Herpetol. Monogr., 6: 86.

Atelopus sanjosei Rivero and Serna, 1989. Caribb. J. Sci., 25:36.

TYPE(S): Holotype: CSJ 1785.

TYPE LOCALITY: Anorí, La Primavera, 450 m, Municipio de Anorí, Departamento de Antioquia, Colombia.

DISTRIBUTION: Vicinity of the type locality on the slopes of the Cordillera Central northeast of Medellín, Colombia.

Atelopus subornatus Werner, 1899. Verh. Zool. Bot. Ges. Wien, 49:475.

TYPE(S): Lectotype: ZFMK 28104 (designated by Lötters, 1989, Salamandra, 25:281–290).

TYPE LOCALITY: Fusagasugá, Departamento Cundinamarca, Colombia.

DISTRIBUTION: Elevations of 2300–2800 m in the Cordillera Oriental south of Bogotá, Colombia.

COMMENT: Resurrected from the synonymy of *Atelopus ignescens* by Lötters, 1989, Salamandra, 25:281–290, who considered *Atelopus flaviventris* Werner to be a junior synonym.

Atelopus tamaense LaMarca, García-Pérez, and Renjifo, 1990. Caldasia, 16:97.

TYPE(S): Holotype: ULABG 1820.

TYPE LOCALITY: “Cercanías del Boquerón del Río Oirá, Páramo de Tamá, Parque Nacional El Tamá, Distrito Páez, Estado Apure, Venezuela,” approximately 07°25'N, 72°23'W, 2950 m.

DISTRIBUTION: Páramo de Tamá, Cordillera Oriental, western Venezuela.

COMMENT: In the *Atelopus ignescens* group according to original description.

Atelopus tricolor

DISTRIBUTION: Change to read: Amazonian slopes of Andes in southern Peru and Bolivia.

COMMENT: Change to read: Synonymy includes *Atelopus rugulosus* Noble, 1921, according to Reynolds and Foster, 1992, Herpetol. Monogr., 6:86.

Bufo

TYPE SPECIES: Change to read: *Bufo viridis* Laurenti, 1768, by subsequent designation of Fitzinger, 1843, Syst. Rept.:32.

COMMENT: Add to end: Duellman and Schulte, 1992, Copeia, 1992:162–172, defined eight phenetic groups in South America. Japanese species reviewed by Maeda and Matsui, 1990, Frogs and Toads of Japan.

Bufo ailaoanus Kou, 1984, Acta Herpetol. Sinica, 3(3):40.

TYPE(S): Holotype: YU A828025.

TYPE LOCALITY: Ejia, Shuangbai County, Yunnan Province, China.

DISTRIBUTION: Ailao Shan Nountains (2550–2600 m), central Yunnan, China.

Bufo americanus

COMMENT: Add to end: Sanders, 1987, Evol. Hybrid. Spec. N. Am. Bufonids:11, 38–43, resurrected the subspecies *Bufo americanus charlesmithi* Bragg, 1954, and *Bufo americanus copei* Yarrow and Henshaw, 1878, (as a distinct species) without justification. Collins, 1989, Kansas Herpetol. Soc. Newsl., 78:19, suggested that *Bufo copei* be returned to the synonymy of *Bufo americanus*.

Bufo anderssoni

COMMENT: Change line 10 to read: ... Handl., (6) 1B 4:16; this ...

Bufo andrewsi Schmidt, 1927. Bull. Am. Mus. Nat. Hist. 54:559.

TYPE(S): Holotype: AMNH 5769.

TYPE LOCALITY: Likiang, 8500 feet, Yunnan Province, China.

DISTRIBUTION: China from Sichuan and Yunnan eastward to East China Sea.

COMMENT: In the *Bufo bufo* group. Usually treated as a synonym of *Bufo bufo*, but regarded by Hu, Jiang and Tian, 1984, Acta Herpetol. Sinica, 3(1):77–85, as a distinct species. Morphometrically, this species resembles *Bufo tuberculatus* Tsarevsky, 1926 “1925” (Borkin and Matsui, 1987 “1986”, Trudy Zool. Inst. Akad. Nauk SSSR, Leningrad, 157:48–51.

Bufo arborescendens Duellman and Schulte, 1992. Copeia, 1992:162.

TYPE(S): Holotype: KU 209395.

TYPE LOCALITY: A pass approx. 5 km (by road) NE of Mendoza (06°18'S, 77°27'W, elev. approx. 2700 m), Provincia Rodríguez Mendoza, Departamento Amazonas, Peru.

DISTRIBUTION: Known only from the type locality in the northern part of the Cordillera Central in northern Peru.

COMMENT: In the *Bufo veraguensis* group according to original description.

Bufo arunco (Molina, 1782). Sagg. Stor. Nat. Chili: 367.

ORIGINAL NAME: *Rana arunco*.

TYPE(S): Unknown.

TYPE LOCALITY: Concepción, Chile.

DISTRIBUTION: Central Chilean arid steppe from Coquimbo to Concepción, Chile.

COMMENT: In the *Bufo spinulosus* group. This taxon usually has been recognized as *Bufo chilensis* Tschudi, 1838, which has been treated as a synonym or subspecies of *Bufo spinulosus* by some authors. *Bufo chilensis* was placed in the synonymy of *Bufo arunco* by Ortiz and Lescure, 1989, Bull. Mus. Natl. Hist. Nat., Paris, (4)11:114–115.

Bufo asmarae

COMMENT: Possible origins of this species were discussed by Tandy, Bogart, Largen, and Feener, 1985, Monit. Zool. Ital., N.S., Suppl., 17:256.

Bufo atelopoides

Change to: *Andinophryne atelopoides* (Lynch and Ruíz-Carranza, 1981).

Authority: Hoogmoed, 1985, Zool. Meded, Leiden, 59:263.

Bufo bankorensis Barbour, 1908. Bull. Mus. Comp. Zool. 51:323.

TYPE(S): Syntypes: MCZ 2432 (2 specimens).

TYPE LOCALITY: Bankoro, “Central Formosa” (= Taiwan).

DISTRIBUTION: Taiwan.

COMMENT: In the *Bufo bufo* group. Commonly treated as a synonym of *Bufo bufo*, but regarded by Matsui, 1986, Copeia, 1986:561–579, as a distinct species.

Bufo beddomii

Change to read: *Bufo beddomii* Günther, 1876 “1875.”

Authority: Dubois, 1987 “1986,” Alytes, 5:130.

Bufo bisidanae

Delete. Synonym of *Bufo garmani*.

Authority: Tandy, Bogart, Largen, and Feener, 1982, Monit. Zool. Ital., N.S., Suppl., 17:3.

Bufo blanfordii

COMMENT: Change last line to read: 152. The *Bufo blanfordii* group was discussed by Tandy and Feener, 1985, Proc. Internat. Symp. African Vert.:549–585. See ...

Bufo blombergi

COMMENT: Delete last sentence.

Authority: Hoogmoed, 1989, Zool. Verh., Leiden, 250:1–32.

Bufo bufo

TYPE LOCALITY: Change line 1 to read: In Europae ... imprimi Ucraniae, ...

Bufo caeruleocellatus

Delete. Synonym of *Bufo haematiticus*.

Authority: Hoogmoed, 1989, Zool. Verh., Leiden, 250:1–32.

Bufo caeruleostictus

COMMENT: Change to read: Synonymy includes *Bufo chanchanensis* Fowler, 1913; probably a

member of the *Bufo guttatus* group, according to Hoogmoed, 1989, Zool. Verh., Leiden, 250:1–21.

Bufo camortensis Mansukhani and Sarkar, 1980

Delete. Synonym of *Bufo melanostictus*.

Authority: Crombie, 1986. J. Bombay Nat. Hist. Soc., 83:226–228.

Bufo castaneoticus Caldwell, 1991. Pap. Avulsos Zool, São Paulo, 37:389.

TYPE(S): Holotype: MZUSP 67162.

TYPE LOCALITY: near Cachoeira Juruá (03°22'S, 51°51'W), Rio Xingu, State of Pará, Brazil.

DISTRIBUTION: Vicinity of the type locality in the eastern Amazon Basin, Brazil.

COMMENT: In the *Bufo typhonius* group according to original description.

Bufo chanchanensis

Delete. Synonym of *Bufo caeruleostictus*.

Authority: Hoogmoed, 1989, Zool. Verh., Leiden, 250:1–32.

Bufo chilensis

Delete: Synonym of *Bufo arunco*.

Authority: Ortiz and Lescure, 1989, Bull. Mus. Natl. Hist. Nat., Paris, (4)11:114–115.

Bufo corynetes Duellman and Ochoa, 1991. Copeia, 1991:138.

TYPE(S): Holotype: KU 173229.

TYPE LOCALITY: West slope of Abra Málaga (ca. 13°09'S, 72°20'W, elev. 3780 m), 50 km (by road) northwest of Ollantaytambo, Provincia Urubamba, Departamento Cuzco, Peru.

DISTRIBUTION: Vicinity of the type locality in the Cordillera Oriental in southern Peru.

COMMENT: Provisionally placed in the *Bufo spinulosus* group according to original description.

Bufo cristiglans

COMMENT: Change second sentence to read: ... status; tentatively referred to *Bufo latifrons* or possibly *Bufo camerunensis* by ...

Bufo crucifer

DISTRIBUTION: Delete "Uruguay and"

COMMENT: Add to end: Records for Uruguay are in error (EG).

Bufo cruciger Schmidt, 1846. Abh. Geb. Naturwiss. Hamburg, 1:169.

TYPE(S):ZMH; missing.

TYPE LOCALITY: "Das Cap der guten Hoffnung."

DISTRIBUTION: Southwestern Cape, Rep. South Africa.

COMMENT: In the *Bufo cruciger* group. Specimens from the southwestern Cape were assigned to *Bufo regularis pardalis* Hewitt of the eastern Cape by Hewitt, 1935, Rec. Albany Mus., 4:288, in apparent ignorance of Schmidt's name. But, as noted by Lambiris, 1988, Lammergeyer, 39:55, and by Branch et. al., 1988, J. Herpetol. Assoc. Afr., 34:2 (and indeed noted by Hewitt, 1935), populations in the eastern and western Cape are different.

Bufo danatensis

DISTRIBUTION: Change to read: Tadjikistan, Uzbekistan, Kirghizia, southern Kazakhstan in the USSR, western Mongolia and Xinjiang, China.

COMMENT: Change to read: A tetraploid species in the *Bufo viridis* group. Synonymy includes *Bufo viridis unicolor* Kastschenko, 1909, according to Borkin, Caune, Pisanetz, and Rozanov, 1986, Herpetol. Issled. Mongol. Nar. Respub.:127, and perhaps *Bufo oblongatus* Nikolsky, 1896, according to Roth, 1986, Stud. Herpetol.:128.

Bufo dodsoni

TYPE LOCALITY: Change to read: Rassa Alla (ca. 07°44'N, 40°42'E), Ethiopia.

Bufo dombensis

COMMENT: Change second sentence to read: Reviewed by Poynton and Broadley, 1988, Ann. Natal Mus., 29:468–469. The relationship with *Bufo damaranus* Mertens, 1954, is problematic; the proposed combination *Bufo dombensis damaranus* of Mertens, 1971, Abh. Senckenb. Naturforsch. Ges., 592:11 is only one possible option.

Bufo echinodes Reynolds and Foster, 1992. Herpetol. Monogr., 6:87.

TYPE(S): Holotype: USNM 257799.

TYPE LOCALITY: Parjacti (2044 m), 83.2 km northeast of Cochabamba on road to Villa Tunari, Chapare Province, Bolivia.

DISTRIBUTION: Type locality on eastern slopes of Cordillera Oriental in Bolivia.

COMMENT: In the *Bufo veraguensis* group according to original description.

Bufo fenoulheti

DISTRIBUTION: Change to read: Southeastern Africa.

COMMENT: Change lines 3 and 4 to read: *vertebralis* complex. Reviewed by Poynton and Broadley, 1988, Ann. Natal Mus., 29:467–470, who treated *Bufo vertebralis grindleyi* Poynton, 1963, Ann. Natal Mus., 15:320 (type locality: Chimanimani Mountains, Zimbabwe) as a subspecies of *Bufo fenoulheti*.

Bufo fuliginatus

DISTRIBUTION: Change to read: Southern Zaire and northern Zambia.

COMMENT: Change last line to read: *Bufo*, and provisionally by Poynton and Broadley, 1988, Ann. Natal Mus., 29:463–464. In the *Bufo funereus* group.

Bufo gabbi

COMMENT: In line 2, *coniferus* = *conifer*.

Bufo gallardoi Carrizo, 1992. Cuad. Herpetol., 7(3):16.

TYPE(S): Holotype: MACN 2657.

TYPE LOCALITY: Calilegua, Provincia Jujuy, Argentina.

DISTRIBUTION: Andean precordillera in the vicinity of the type locality in northern Argentina.

COMMENT: In the *Bufo veraguensis* group according to original description.

Bufo gargarizans

COMMENT: Change to read: Reviewed by Matsui, 1986, Copeia, 1986:561–79.

Bufo garmani

TYPE LOCALITY: Change Poynton to read: Poynton.

Bufo glaberrimus

Change to read: *Bufo glaberrimus* Günther, 1869 “1868.”

Authority: Dubois, 1987 “1986”, Alytes, 5:130.

Bufo gnustae

COMMENT: Add to end: The species was not assigned to a group by Duellman and Schulte, 1992, Copeia, 1992:162–172, but it was included in the *Bufo veraguensis* group by Carrizo, 1992, Cuad. Herpetol., 7(3):14–23.

Bufo gutturalis

DISTRIBUTION: Change second line to read: ... Botswana; introduced on Mauritius and Réunion islands.

COMMENT: Add to end: Reviewed by Poynton and Broadley, 1988, Ann. Natal Mus., 29:452–453, who regarded *Bufo regularis ngamiensis* FitzSimons, 1932, to be a synonym.

Bufo haematiticus

COMMENT: Change last sentence to read: Synonymy includes *Bufo chanchanensis* Fowler, 1913, according to Hoogmoed, 1989, Zool. Verh., Leiden, 250:1–32.

Bufo hoeschi

COMMENT: Change second sentence to read: Reviewed by Poynton and Broadley, 1988, Ann. Natal Mus., 29:469–470, who considered the status of *Bufo hoeschi* to be problematic but included *Bufo jordani* Parker, 1936, Novit. Zool., 40:145, in its synonymy.

Bufo hololius

Change to read: *Bufo hololius* Günther, 1876 “1875.”

Authority: Dubois, 1987 “1986,” Alytes, 5:130.

Bufo hypomelas

DISTRIBUTION: Change to read: Chocoan Colombia and northwestern Ecuador.

COMMENT: Delete last sentence.

Authority: Hoogmoed, 1989, Zool. Verh., Leiden, 250:1–32.

Bufo intermedius

DISTRIBUTION: Change to read: Unknown.

COMMENT: Change to read: Type locality probably is erroneous; according to Hoogmoed, 1989, Verh. Zool., Leiden, 250:1–32, syntypes probably are Middle American specimens of the *Bufo valliceps* group.

Bufo inyangae

COMMENT: Change to read: In the *Bufo angusticeps* group. Relationships with *Bufo g. gariepensis* Smith, 1848, and *Bufo g. nubicolus* Hewitt, 1927, were discussed by Poynton and Broadley, 1988, Ann. Natal Mus., 29:465.

Bufo japonicus

COMMENT: Add to end: *Bufo formosus* Boulenger, 1883, is variously regarded as a synonym or subspecies.

Authority: Dubois, 1987 “1986,” Alytes, 5:141.

Bufo jordani

Delete. Synonym of *Bufo hoeschi*.

Authority: Poynton and Broadley, 1988, Ann. Natal Mus., 29:469.

Bufo kavangensis Poynton and Broadley, 1988. Ann. Natal Mus., 29:472.

TYPE(S): Holotype: NMZB 19074.

TYPE LOCALITY: Khwai River, Botswana.

DISTRIBUTION: Northwestern Zimbabwe, northern Botswana and Namibia, and southern Angola.

COMMENT: In the *Bufo vertebralis* group according to original description.

Bufo kerinyagae

COMMENT: Change to read: In the *Bufo regularis* group. Variation in acoustic behavior, morphology, and ecology were documented by Tandy, Bogart, Largen, and Feener, 1985, Monit. Zool. Ital., N.S., Suppl., 20:214–233.

Bufo langanoensis

DISTRIBUTION: Change to read: Known only from the type locality.

COMMENT: In the *Bufo blanfordii* group as discussed by Tandy and Feener, 1985, Proc. Internat. Symp. African Vert.:563–572.

Bufo latifrons

COMMENT: Add to end: In the *Bufo latifrons* group.

Bufo leptoscelis

Delete: Synonym of *Bufo veraguensis* Schmidt, 1857.

Authority: Hoogmoed, 1990, Vert. Tropics: 116.

Bufo lindneri

DISTRIBUTION: Change to read: Southeastern Tanzania, southern Malawi, and northern Mozambique.

COMMENT: Change to read: In the *Bufo taitanus* group. Reviewed by Clarke, 1989, Amphibia-Reptilia, 10:297–303.

Bufo maculatus

COMMENT: Change last line to read: (2)22:1–125. Generally treated as a senior synonym of *Bufo pusillus* Mertens, 1937, Abh. Senckenb. Naturforsch. Ges., 435:17, from southern Africa, but the status and relationships of *Bufo pusillus* are unresolved; see Poynton and Broadley, 1988, Ann. Natal Mus., 29:461; Lambiris, 1988, Lammergeyer, 39:51; and Channing, 1989, Lammergeyer, 40:1. See comment under *Bufo danielae*.

Bufo marinus

DISTRIBUTION: Change line 3 to read: ... Hawaii, Mauritius, Fiji, ...

COMMENT: Change to read: In the *Bufo marinus* group. *Bufo poeppigii* Tschudi 1845 considered to be a subspecies of *Bufo marinus* by Henle, 1985, Stud. Neotrop. Fauna Environ., 20:167–173. Reviewed by Easteal, 1986, Cat. Am. Amph. Rept., 395:1–2.

Bufo mauritanicus

COMMENT: Add to end: Roussel and Amar, 1985, Alytes, 4:41–51, detected call differences between Algerian populations that might indicate species distinction.

Bufo melanopleura

DISTRIBUTION: Change to read: Southern Zaire and northwestern Zambia.

COMMENT: Change to read: Poynton, 1991, Bull. Mus. Comp. Zool., 152:458–459, suggested affinities with *Bufo schmidtii*, formerly placed in *Mertensophryne*.

Bufo melanostictus

COMMENT: Change last two lines to read: Chinese population. See Crombie, 1986, J. Bombay Nat. Hist. Soc., 83:226–228 for discussion of names based on specimens from the Nicobar Islands. In the *Bufo melanostictus* group.

Bufo minshanicus

COMMENT: Change line 2 to read: regarded by Yang, 1983, Acta Herpetol. Sinica, 2(2):1–9, by Hu, Jiang and Tian, 1984, Acta Herpetol. Sinica, 3(1):79–85, and Matsui, 1986, Copeia, 1986:561–579, as a distinct species.

Bufo ngamiensis

Delete. Synonym of *Bufo gutturalis*.

Authority: Poynton and Broadley, 1988, Ann. Natal Mus., 29:453.

Bufo orientalis

COMMENT: Add to end. If *Bufo arabicus* is conspecific with *Bufo orientalis*, the correct name for the species is *Bufo arabicus*.

Bufo pardalis

DISTRIBUTION: Change to read: Apparently disjunct distribution in the eastern Cape, southern Natal, and possibly southeastern Transvaal, Rep. South Africa.

COMMENT: Change to read: In the *Bufo cruciger* group. See comment under *Bufo cruciger*.

Authority: Lambiris, 1975, J. Herpetol. Assoc. Afr., 14:22; Lambiris, 1988, Lammergeyer, 39:51; Branch, 1990, J. Herpetol. Assoc. Afr., 37:20.

Bufo pentoni

Author: Change to read: Anderson.

TYPE LOCALITY: Change to read: Shaata gardens, about one mile outside Suakin, Sudan

Bufo peripatetes

DISTRIBUTION: Change to read: Known from the type locality and Cerro Bollo in western Panama.

Authority: Savage and Donnelly, 1992, J. Herpetol. 26:72–74.

Bufo periglenes

Change to read: *Bufo periglenes* Savage, 1967 “1966.”

Bufo poeppigii

Delete. Subspecies of *Bufo marinus*.

Authority: Henle, 1985, Stud. Neotrop. Fauna Environ. 20:167–173.

Bufo poweri

DISTRIBUTION: Change to read: Southern Angola, Namibia, Botswana, northern and western areas of Rept. South Africa; to the northeast intergrading with *Bufo garmani* Meek, 1897.

COMMENT: Change second sentence to read: Considered by Poynton and Broadley, 1988, Ann. Natal Mus., 29:457–458, to intergrade in a complex manner with *Bufo garmani* Meek, 1897, to the extent that the taxonomic status is not clear, as is its relationship with *Bufo pseudogarmani* Hulselmans, 1969, Rev. Zool. Bot. Afr., 79:393. Advertisement call, distribution, and synonymy (but not intergrade complexities) were discussed by Channing, 1991, S. Afr. J. Zool., 26:81–84.

Bufo reesi

COMMENT: In the *Bufo funereus* group, according to Poynton, 1977, Ann. Natal Mus., 23:37.

Bufo regularis

DISTRIBUTION: Change to read: West Africa to Egypt and Ethiopia...

COMMENT: Add to end: Variation in acoustic behavior, morphology, and ecology were documented by Tandy, Bogart, Largen, and Feener, 1985, Monit. Zool. Ital., N.S., Suppl., 20:233–256.

Bufo rumbolli Carrizo, 1992. Cuad. Herpetol., 7(3):14.

TYPE(S): Holotype: MACN 7456.

TYPE LOCALITY: Arasayal, Provincia Salta, Argentina.

DISTRIBUTION: Andean precordillera in northern Argentina.

COMMENT: In the *Bufo veraguensis* group according to original description.

Bufo schmidtii (Grandison, 1972). Zool. Meded., Leiden, 47:44

Changed from: *Mertensophryne schmidtii*.

ORIGINAL NAME: *Mertensophryne schmidtii*.

TYPE(S): Holotype: BM 1968:642.

TYPE LOCALITY: “Republic of the Congo [= Zaire]:—Kateke affluent of the Muovwe, right subaffluent of the Lufira, 960 m, Upemba National Park.”

DISTRIBUTION: Upemba National Park, eastern Zaire.

COMMENT: Transferred from *Mertensophryne* by Poynton, 1991, Bull. Mus. Comp. Zool., 152:459, who suggested affinities with *Bufo melanopleura*.

Bufo stomaticus

COMMENT: Add to end: Systematics discussed by Dubois, 1974, Bull. Mus. Natl. Hist. Nat., Paris, (3)213:341–411.

Authority: Dubois, 1987 “1986”, Alytes, 5:141.

Bufo superciliaris

Change to read: *Bufo superciliaris* Boulenger, 1888 “1887.”

Bufo tibetanus

TYPE(S): Add to end: 2638.2 designated as lectotype.

TYPE LOCALITY: Add to end: Restricted to Yuishu, Dza-chu River, 3700 m, a tributary of the upper Yangtze-Kiang River Basin, southern Qinghai, China.

COMMENT: Change to read: Borkin and Matsui, 1987 “1986”, Trudy. Zool. Inst. Akad. Nauk SSSR, Leningrad, 157:44–48, designated the lectotype, restricted the type locality, and considered the species as a relict close to the ancestral form of the *Bufo bufo* complex that invaded Asia from North America.

Bufo turkanae Tandy and Feener, 1985. Proc. Internat. Symp. African Vert.:572

TYPE(S): Holotype: AMNH 76460.

TYPE LOCALITY: Loiengalani, Lake Turkana, Kenya (02°47' N, 36°45'E; 381 m).

DISTRIBUTION: North-central Kenya.

COMMENT: In the *Bufo blanfordii* group according to original description.

Bufo uzunguensis

COMMENT: Add at beginning: In the *Bufo taitanus* group.

Bufo valhallae

Change to read: *Bufo valhallae* Meade-Waldo, 1909 “1908.”

Bufo vellardi

COMMENT: Correct error in line 1: *typhonius* = *spinulosus*.

Bufo veraguensis Schmidt, 1857.

COMMENT: Synonymy includes *Bufo leptoscelis* Boulenger, 1912, according to Hoogmoed, 1990, Vert. Tropics: 116.

Bufo verrucoissimus (Pallas, 1814). Zoogeog. Rosso-Asiat., 3:15.

ORIGINAL NAME: *Rana verrucoissimus*.

TYPE(S): Not located.

TYPE LOCALITY: “Kaukasus.”

DISTRIBUTION: Caucasus Mountains in southwestern U.S.S.R.

COMMENT: Recognized as a subspecies of *Bufo bufo* by Terentjev and Cernov, 1936, Krat.

Opred. Presy. Semno.:24. Elevated to specific status with three subspecies by Orlova and Tuniyev, 1989, Mosk. Obsh. Ispyt. Priv. Biull. Otdel Biol., 94(3):13–24.

Bufo vertebralis

DISTRIBUTION: Change to read: Orange Free State to Cape Province, Rep. South Africa.

COMMENT: Change second sentence to read: See comment under *Bufo fenoulheti*.

Authority: Poynton and Broadley, 1988, Ann. Natal Mus., 29:471.

Bufo villiersi

COMMENT: Change to read: In the *Bufo funereus* group. Redescribed by Perret, 1971, Rev. Zool. Bot. Afr., 84:130–139.

Bufo viridis

Change to read: *Bufo viridis* Laurenti, 1768, Synops. Rept.:27.

DISTRIBUTION: Change last two lines to read: ... USSR, and extreme western China; northern coast of Africa; southwestern Asia.

Bufo vittatus

DISTRIBUTION: Change to read: Lake Victoria region in Uganda, Kenya, and Tanzania.

COMMENT: Change to read: In the *Bufo funereus* group.

Bufo woodhousii

COMMENT: Change to read: In the *Bufo americanus* group. The status of *Bufo fowleri* (here considered a junior synonym) is controversial. Sanders, 1987, Evol. Hybrid. Spec. N. Am. Bufonids:27–34, recognized *Bufo fowleri* Hinckley, 1882, as a distinct species and also used the combination *Bufo fowleri fowleri* without recognizing any other subspecies. Sanders, 1987, Evol. Hybrid. Spec. N. Am. Bufonids:52, also recognized *Bufo woodhousii velatus* as a distinct species in south-central USA. Furthermore, Sanders, 1987, Evol. Hybrid. Spec. N. Am. Bufonids:35, 62, 87, described three new species associated with *Bufo woodhousii*—*Bufo hobarti* from eastern USA, *Bufo antecessor* from northwestern USA, and *Bufo planiorum* from the Great Plains eastward to the Mississippi River, USA. Collins, 1989, Kansas Herpetol. Soc. Newsl., 78:19, suggested the recognition of *Bufo fowleri* as a subspecies of *Bufo woodhousii*, and the relegation of *Bufo antecessor*, *B. hobarti*, *B. planiorum*, and *B. woodhousii velatus* to the synonymy of *Bufo woodhousii*. The unjustified emendation of the specific epithet to *woodhousei* has been used widely.

Bufo xeros

COMMENT: Add to beginning: In the *Bufo regularis* group according to original description.

Capensibufo tradouwi

DISTRIBUTION: Change to read: ... Breede River to north of Knysna, Cape Province, Rep. South Africa.

Authority: Branch, 1990, J. Herpetol. Assoc. Afr., 37:20.

Crepidophryne

COMMENT: Add to end: See Savage, 1986, Proc. Biol. Soc. Washington, 99:42–45, for discussion of nomenclature.

Dendrophryniscus

COMMENT: Add to end: Cannatella, 1986, Herpetologica, 42:197–205, considered *Dendrophryniscus* to be the sister taxon to *Oreophrynella*.

Frostius Cannatella, 1986, Herpetologica, 42:198.

TYPE SPECIES: *Atelopus pernambucensis* Bokermann 1962, by original designation.

DISTRIBUTION: Recife, Pernambuco, Brazil.

COMMENT: Most closely related to *Atelopus* and *Osornophryne* according to original description.

Frostius pernambucensis (Bokermann, 1962).

Changed from: *Atelopus pernambucensis*.

ORIGINAL NAME: *Atelopus pernambucensis*.

Authority: Cannatella, 1986, Herpetologica, 42:198.

Leptophryne borbonica

Change to read: *Leptophryne borbonica* Tschudi, 1838, Class. Batr.:70

Authority: Dubois, 1987 "1986", Alytes, 5:130.

Melanophryniscus

TYPE SPECIES: Change to read: *Phryniscus stelzneri* Weyenbergh, ...

COMMENT: Add to end: Cannatella, 1986, Herpetologica, 42:197–205, regarded *Melanophryniscus* as the sister group of *Dendrophryniscus* + *Oreophrynella*.

Melanophryniscus orejasmirandai Prigioni and Langone, 1986. Comun. Zool. Mus. Hist. Nat. Montevideo, 11(159):2.

TYPE(S): Holotype: MHNM 5476.

TYPE LOCALITY: Cerro de Animas (34°46'S, 53°19'W), 500 m, northwest of Mirador Nacional, Departamento de Maldonado, Uruguay.

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Melanophryniscus tumifrons* group according to original description.

Mertensophryne

DISTRIBUTION: Change to read: As for the single species.

COMMENT: Add to end: Reviewed by Poynton, 1991, Bull. Mus. Comp. Zool., 152:458–461.

Mertensophryne schmidtii

Change to: *Bufo schmidtii* (Grandison, 1972).

Authority: Poynton, 1991, Bull. Mus. Comp. Zool., 152:459.

Nectophrynoides

TYPE SPECIES: Change to read: *Nectophryne tornieri* Roux, 1906, by original designation.

DISTRIBUTION: Change to read: Montane environments in Tanzania.

COMMENT: Add: Dubois, 1987 "1986", Alytes, 5:26–27 used reproductive and developmental modes to distinguish three genera (*Altiphrynoides*, *Nimbaphrynoides*, and *Spinophrynoides*) from *Nectophrynoides*.

Nectophrynoides liberiensis

Change to: *Nimbaphrynoides liberiensis* (Xavier, 1979).

Authority: Dubois, 1987 "1986", Alytes, 5:27.

Nectophrynoides malcolmi

Change to: *Altiphrynoides malcolmi* (Grandison, 1978).

Authority: Dubois, 1987 "1986", Alytes, 5:27.

Nectophrynoides occidentalis

Change to: *Nimbaphrynoides occidentalis* (Angel, 1943).

Authority: Dubois, 1987 "1986", Alytes, 5:27.

Nectophrynoides osgoodi

Change to: *Spinophrynoides osgoodi* (Loveridge, 1932).

Authority: Dubois, 1987 "1986", Alytes, 5:26.

Nectophrynoides wendyae Clarke, 1988, Trop. Zool., 1:171.

TYPE(S): Holotype: BM 1986.565.

TYPE LOCALITY: Uzungwe Scarp Reserve, 1650 m, Iringa Region, Uzungwe Mountains, Tanzania.

DISTRIBUTION: Known only from the type locality in the Uzungwe Mountains, Tanzania.

COMMENT: Possibly related to Tanzanian *Nectophrynoides* or to *Didynamipus* according to original description.

Nimbaphrynoides Dubois, 1987 "1986". *Alytes*, 5:27.

TYPE SPECIES: *Nectophrynoides occidentalis* Angel, 1943, by original designation.

DISTRIBUTION: Mt. Nimba region of Guinea, Ivory Coast, and Liberia.

COMMENT: Distinguished from *Nectophrynoides* by reproductive mode by Dubois, 1987 "1986", *Alytes* 5:27.

Nimbaphrynoides liberiensis (Xavier, 1979).

Changed from: *Nectophrynoides liberiensis*.

ORIGINAL NAME: *Nectophrynoides liberiensis*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:27.

Nimbaphrynoides occidentalis (Angel, 1943).

Changed from: *Nectophrynoides occidentalis*.

ORIGINAL NAME: *Nectophrynoides occidentalis*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:27.

Oreophrynella

COMMENT: Change lines 3–5 to read: ...Co., 12:49, and Cannatella, 1986, *Herpetologica*, 42:197–205. discussed the phylogenetic relationships. Several...

Oreophrynella hubneri Diego-Aransay and Gorzula, 1987. *Mem. Soc. Cienc. Nat. La Salle*, 47:234.

TYPE(S): Holotype: MHNLS 11148.

TYPE LOCALITY: Cerro El Sol, northeast of Auyán-Tepui (06°06'N, 62°32'W), Estado Bolívar, Venezuela, 1700.

DISTRIBUTION: Known only from the type locality in Venezuelan Guayana.

Osornophryne

DISTRIBUTION: Change to read: Andes of central Ecuador to Cordillera Central in Colombia, between 2100 and 3700 m.

COMMENT: Change to read: For discussion and review see Hoogmoed, 1987, *Zool. Meded.*, Leiden, 61:209–42.

Osornophryne antisana Hoogmoed, 1987. *Zool. Meded.*, Leiden, 61:212.

TYPE(S): Holotype: MHNG 2278.49.

TYPE LOCALITY: "Río Quijos, estribaciones surorientales del Antisana," (00°35'S, 78°07'W; 3600 m), Provincia Napo, Ecuador.

DISTRIBUTION: Known only from the type locality.

Osornophryne bufoniformis

DISTRIBUTION: Change to read: Southern Colombia (Cauca), northern (Carchi) and central (Cordillera de las Llanagates) Ecuador, between 2700 and 3700 m.

Authority: Hoogmoed, 1987, *Zool. Meded.*, Leiden, 61:238.

Osornophryne guacamayo Hoogmoed, 1987. *Zool. Meded.*, Leiden, 61:227.

TYPE(S): Holotype: MHNG 2278.17.

TYPE LOCALITY: "Guacamayo" (= Cordillera de Guacamayo or Huacamayos), Km 60 on Tena-Quito road (00°43'S, 77°50'W), Provincia Napo, Ecuador.

DISTRIBUTION: Known only from the type locality.

Osornophryne talipes Cannatella, 1986. Copeia, 1986:620.

TYPE(S): Holotype: KU 131797.

TYPE LOCALITY: North slope of the Nudo de Mojanda, 3400 m, Provincia Imbabura, Ecuador.

DISTRIBUTION: Type locality in the Andes of northern Ecuador.

Pedostibes

Change to read: *Pedosibes* Günther, 1876 “1875.”

Authority: Dubois, 1987 “1986”, 5:128.

Pedostibes tuberculosus

Change to: *Pedostibes tuberculosus* Günther, 1876 “1875.”

Authority: Dubois, 1987 “1986”, Alytes, 5:130.

Rhampophryne festae

DISTRIBUTION: Change to read: ...elevations (100–1700 m).

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Rhampophryne lindae Rivero and Castaño, 1990. J. Herpetol., 24:1.

TYPE(S): Holotype: CSJ 1880.

TYPE LOCALITY: Murri (06°43'N, 76°20'W), carretera Nutibara-La Blanquita, Municipio de Frontino (1600–1800 m), Departamento Antioquia, Colombia.

DISTRIBUTION: Known only from the type locality in the Cordillera Occidental in northern Colombia.

Rhampophryne tenrec Lynch and Renjifo, 1990. J. Herpetol. 24:364.

TYPE(S): Holotype: ICN 13840.

TYPE LOCALITY: Near Campamento Ingeominas (about 06°42'N, 76°27'W), near headwaters of Río Amparrado, Municipio Dabeiba, Departamento Antioquia, Colombia, 805 m.

DISTRIBUTION: Known only from the type locality on the lower Pacific slopes of the Cordillera Occidental in northern Colombia.

Rhampophryne truebae Lynch and Renjifo, 1990. J. Herpetol., 24:368.

TYPE(S): Holotype: ICN 14780.

TYPE LOCALITY: “probably southern Departamento Antioquia, Colombia.”

DISTRIBUTION: Unknown.

Spinophrynoides Dubois, 1987 “1986”. Alytes, 5:26.

TYPE SPECIES: *Bufo osgoodi* Loveridge, 1932, by original designation.

DISTRIBUTION: South-central Ethiopia.

COMMENT: Distinguished from *Nectophrynoides* by reproductive and developmental mode by Dubois, 1987 “1986”, Alytes, 5:26.

Spinophrynoides osgoodi (Loveridge, 1932).

Changed from: *Nectophrynoides osgoodi*.

Authority: Dubois, 1987 “1986”, Alytes, 5:26.

Stephopaedes

DISTRIBUTION: Change to read: Southeastern Tanzania, western Mozambique, and southeastern Zimbabwe.

COMMENT: Reviewed by Poynton, 1991, Bull. Mus. Comp. Zool., 152:452–458.

Stephopaedes anotis

DISTRIBUTION: Change to read: Western Mozambique and southeastern Zimbabwe.

COMMENT: Change to read: ... *anotis*, and Poynton, 1991, Bull. Mus. Comp. Zool., 152:452–456.

Stephopaedes loveridgei Poynton, 1991. Bull. Mus. Comp. Zool., 152:456.

TYPE(S): Holotype: BM 1969.1492.

TYPE LOCALITY: Mahenge (08°41'S, 36°43'E, elev. ca. 1000 m), Tanzania

DISTRIBUTION: Southeastern Tanzania.

FAMILY: Centrolenidae Taylor, 1951.

COMMENT: Change to read: Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30, summarized the taxonomic literature and defined the genera.

Centrolene

TYPE SPECIES: Change to read: *Centrolene geckoideum* Jiménez de la Espada, 1872, by monotypy.

DISTRIBUTION: Change to read: Humid forests from Nicaragua to Peru and Venezuela.

COMMENT: Change to read: For definition of genus see Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

Centrolene acanthidiocephalum (Ruíz-Carranza and Lynch, 1989). Trianea, 3:67.

ORIGINAL NAME: *Centrolenella acanthidiocephala*.

TYPE(S): Holotype: ICN 5285.

TYPE LOCALITY: Cabeceras del Río Luisito, 1750 m, Virolín (= Inspección de Policía de Cañaverales) (06°13'N, 73°05'W), Municipio Charalá, Departamento Santander, Colombia.

DISTRIBUTION: Río Fonce drainage at elevations of 1750–2100 m on the western slopes of the Cordillera Oriental, Departamento Santander, Colombia.

COMMENT: In the *Centrolene geckoideum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene altitudinalis (Rivero, 1968).

Changed from: *Centrolenella altitudinalis*

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

ORIGINAL NAME: *Centrolenella altitudinalis*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene andinum (Rivero, 1968).

Changed from: *Centrolenella andina*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

ORIGINAL NAME: *Centrolenella andina*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene antioquiensis (Noble, 1920).

Changed from: *Centrolenella antioquiensis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

ORIGINAL NAME: *Centrolenella antioquiensis*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene audax (Lynch and Duellman, 1973).

Changed from: *Centrolenella audax*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

ORIGINAL NAME: *Centrolenella audax*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene ballux (Duellman and Burrowes, 1989). Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 132:2.

ORIGINAL NAME: *Centrolenella ballux*.

TYPE(S): Holotype: KU 164725.

TYPE LOCALITY: 14 km east (by road) of Chiriboga (00°18'S, 78°49'W), 1960 m, Provincia Pichincha, Ecuador.

DISTRIBUTION: Cloud forests at elevations of 1700–2010 m on the Pacific slopes of the Andes in Ecuador and extreme southern Colombia.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene buckleyi (Boulenger, 1882).

Changed from: *Centrolenella buckleyi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

COMMENT: Add as first sentence: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. Add to end: Synonymy includes *Centrolenella johnelsi* Cochran and Goin, 1970.

Centrolene geckoideum

TYPE LOCALITY: Change to read: “Rio Napo,” Ecuador.

DISTRIBUTION: Change to read: Cloud forests on Andean slopes in Colombia and Ecuador.

COMMENT: Change to read: In the *Centrolene geckoideum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. For discussion see Ruíz-Carranza and Hernández-Camacho, 1986, Caldasia, 15:435–437.

Centrolene gemmatum (Flores, 1985). J. Herpetol., 19:313.

ORIGINAL NAME: *Centrolenella gemmata*.

TYPE(S): Holotype: MCZ 104073.

TYPE LOCALITY: San Francisco de las Pampas, 1500 m, (00°25'S, 78°57'W, just NW of junction of Río Las Juritas and Río Toachi), Provincia Cotopaxi, Ecuador.

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Centrolene peristictum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene gorzulai (Ayarzagüena, 1992). Publ. Asoc. Amigos Doñana, 1:19.

ORIGINAL NAME: *Centrolenella gorzulae*.

TYPE(S): Holotype: MLS 11221.

TYPE LOCALITY: “Cerro Auyantepuy-Centro” (05°56' N, 62°34' W; 1850 m), Estado Bolívar, Venezuela.

DISTRIBUTION: Known only from the type locality in the Guiana Highlands of southeastern Venezuela.

COMMENT: New combination. Characters given in the type description are in accord with the definition of *Centrolene* by Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. The specific name as proposed as a patronym for Stefan Gorzula is the incorrect gender.

Centrolene grandisonae (Cochran and Goin, 1970).

Changed from: *Centrolenella grandisonae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

ORIGINAL NAME: *Centrolenella grandisonae*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene helodermatum (Duellman, 1981).

Changed from: *Centrolenella heloderma*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:20.

ORIGINAL NAME: *Centrolenella heloderma*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Centrolene hesperium (Cadle and McDiarmid, 1990). *Proc. Biol. Soc. Washington*, 103:753.

ORIGINAL NAME: *Centrolenella hesperia*.

TYPE(S): Holotype: FMNH 236200.

TYPE LOCALITY: Trail between Monte Seco and Chorro Blanco, about 2.5 km (airline) northeast of Monte Seco, Río Zaña, Departamento Cajamarca, Peru, 1800.

DISTRIBUTION: Vicinity of the type locality (1530–1800 m) on the Pacific slopes of the Cordillera Occidental in northern Peru.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Centrolene hybrida Ruíz-Carranza and Lynch, 1991. *Lozania*, 58:8.

TYPE(S): Holotype: ICN 17897.

TYPE LOCALITY: Finca El Vergel (05°05'N, 73°11'W, 2020 m), 38 km (by road) east-northeast of Garagoa, Vereda El Tunjito, Municipio Miraflores, Departamento Boyacá, Colombia.

DISTRIBUTION: Elevations of 1400–2020 m on the eastern slopes of the Cordillera Oriental in Colombia.

COMMENT: In the *Centrolene prosoblepon* group according to original description.

Centrolene ilex (Savage, 1967).

Changed from: *Centrolenella ilex*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:20.

ORIGINAL NAME: *Centrolenella ilex*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Centrolene lentiginosum (Rivero, 1985). *Brenesia*, 23:341.

ORIGINAL NAME: *Centrolenella lentiginosa*.

TYPE(S): Holotype: UPRM 5558.

TYPE LOCALITY: Guacharaquita, between La Grita and Páramo de la Negra, 1768 m, Estado Táchira, Venezuela.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Centrolene lynchi (Duellman, 1980).

Changed from: *Centrolenella lynchi*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:20.

ORIGINAL NAME: *Centrolenella lynchi*.

COMMENT: Change to read: In the *Centrolene peristictum* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Centrolene medemi (Cochran and Goin, 1970).

Changed from: *Centrolenella medemi*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:20.

ORIGINAL NAME: *Centrolenella medemi*.

COMMENT: In the *Centrolene geckoideum* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Centrolene notostictum Ruíz-Carranza and Lynch, 1991. Lozania, 58:13.

TYPE(S): Holotype: ICN 12632.

TYPE LOCALITY: Virolín (= Inspección de Policía de Cañaverales) (06°13'N, 73°05'W, 1750 m), "El Encino," vicinity of Río Luisito, Municipio Charalá, Departamento Santander, Colombia.

DISTRIBUTION: Eastern and western slopes of the northern part of the Cordillera Oriental in Colombia.

COMMENT: In the *Centrolene prosoblepon* group according to original description.

Centrolene paezorum Ruíz, Hernández and Ardilla, 1986. Caldasia, 15:437.

TYPE(S): Holotype: ICN 11866.

TYPE LOCALITY: Km 55-56 on road between Popayán and Inzá, 3030 m, north-northeast of Popayán, Municipio Inzá, Departamento Cauca, Colombia.

DISTRIBUTION: Type locality on the eastern slope of the Cordillera Central in southern Colombia.

COMMENT: In the *Centrolene geckoideum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene peristictum (Lynch and Duellman, 1973).

Changed from: *Centrolenella peristicta*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

ORIGINAL NAME: *Centrolenella peristicta*.

COMMENT: In the *Centrolene peristictum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene petrophilum Ruíz-Carranza and Lynch, 1991. Lozania, 58:17.

TYPE(S): Holotype: ICN 9567.

TYPE LOCALITY: Finca El Descanso, Quebrada La Limonita (05°17'N, 72°42'W, 1600–1650 m), Inspección de Policía de Corinto, Municipio Pajarito, Departamento Boyacá, Colombia.

DISTRIBUTION: Elevations of 1600–2020 m on the eastern slopes of the Cordillera Oriental in the Departamento Boyacá, Colombia.

COMMENT: In the *Centrolene geckoideum* group according to original description.

Centrolene pipilatum (Lynch and Duellman, 1991).

Changed from: *Centrolene pipilata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

ORIGINAL NAME: *Centrolenella pipilata*.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene prosoblepon (Boettger, 1892).

Changed from: *Centrolenella prosoblepon*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

COMMENT: Insert as first sentence: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolene sanchezi Ruíz-Carranza and Lynch, 1991. Lozania, 58:22.

TYPE(S): Holotype: ICN 24293.

TYPE LOCALITY: 3.1 km by road below Alto Gabinete (01°04'N, 75°04'W, 2190 m), Vereda Gabinete, Municipio de Florencia, Departamento de Caquetá, Colombia.

DISTRIBUTION: Known only from the type locality on the eastern slope of the Cordillera Oriental in southern Colombia.

COMMENT: In the *Centrolene peristictum* group according to original description.

Centrolene savagei (Harding, 1991). Zool. J. Linn. Soc., 103:417.

ORIGINAL NAME: *Centrolenella savagei*.

TYPE(S): Holotype: KU 169753.

TYPE LOCALITY: West slope of Cerro Kennedy, 1420 m, 4 km east of El Campamento, Departamento Magdalena, Colombia.

DISTRIBUTION: Cloud forest at elevations of 980–2000 m on the northern slopes of the Sierra Nevada de Santa Marta in northern Colombia.

COMMENT: In the *Centrolene prosoblepon* group according to original description. Synonymy includes *Centrolene tayrona* Ruíz-Carranza and Lynch, 1991, Lozania, 58:20.

Centrolene scirtetes (Duellman and Burrowes, 1989). Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 132:6.

ORIGINAL NAME: *Centrolenella scirtetes*.

TYPE(S): Holotype: KU 202720.

TYPE LOCALITY: 1.4 km (by road) southwest of Tandayapa (00°07'N, 78°40'W), 1820 m, Provincia Pichincha, Ecuador.

DISTRIBUTION: Humid upper montane forest at elevations of 1780–1820 m on the Pacific slopes of the Cordillera Occidental in Ecuador and extreme southern Colombia.

COMMENT: In the *Centrolene prosoblepon* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolenella

Delete. Synonym of *Centrolene*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Centrolenella albomaculata

Change to: *Cochranella albomaculata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:21.

Centrolenella albotunica

Delete. Synonym of *Hyalinobatrachium uranoscopum*.

Authority: Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:1–21.

Centrolenella altitudinalis

Change to: *Centrolene altitudinalis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

Centrolenella andina

Change to: *Centrolene andinum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

Centrolenella anomala

Change to: *Cochranella anomala*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:21.

Centrolenella antioquiensis

Change to: *Centrolene antioquiensis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:19.

Centrolenella antisthenesi

Change to: *Hyalinobatrachium antisthenesi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

Centrolenella audax

Change to: *Centrolene audax*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:19.

Centrolenella balionota

Change to: *Cochranella balionota*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:21.

Centrolenella bejaranoi

Change to: *Cochranella bejaranoi*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:21.

Centrolenella bergeri

Change to: *Hyalinobatrachium bergeri*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:23.

Centrolenella buckleyi

Change to: *Centrolene buckleyi*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:19.

Centrolenella chirripoi

Change to: *Hyalinobatrachium chirripoi*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella cochranae

Change to: *Cochranella cochranae*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:21.

Centrolenella colymbiphyllum

Change to: *Hyalinobatrachium colymbiphyllum*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella dubia

Delete. Synonym of *Hyalinobatrachium uranoscopum*.

Authority: Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:1–21.

Centrolenella euknemos

Change to: *Cochranella euknemos*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella eurygnatha

Change to: *Hyalinobatrachium eurygnathum*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella flavopunctata

Change to: *Cochranella flavopunctata*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella fleischmanni

Change to: *Hyalinobatrachium fleischmanni*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella geijskesi

Change to: *Cochranella geijskesi*.

Authority: Ruiz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella grandisonae

Change to: *Centrolene grandisonae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella granulosa

Change to: *Cochranella granulosa*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella griffithsi

Change to: *Cochranella griffithsi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella ilex

Change to: *Centrolene ilex*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella johnelsi

Delete: Synonym of *Centrolene buckleyi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:8.

Centrolenella lutzorum

Delete. Synonym of *Hyalinobatrachium uranoscopum*.

Authority: Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:1–21.

Centrolenella lynchi

Change to: *Centrolene lynchi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella mariae

Change to: *Cochranella mariae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella medemi

Change to: *Centrolene medemi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella megacheira

Change to: *Cochranella megacheira*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella midas

Change to: *Cochranella midas*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella munozorum

Change to: *Hyalinobatrachium munozorum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella ocellata

Change to: *Cochranella ocellata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella ocellifera

Change to: *Cochranella ocellifera*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella orientalis

Change to: *Hyalinobatrachium orientalis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella orcostalis

Delete. Synonym of *Hyalinobatrachium orientalis*.

Authority: Cannatella and Lamar, 1986, J. Herpetol., 20:307–317.

Centrolenella oyampiensis

Change to: *Cochranella oyampiensis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella parvula

Change to: *Hyalinobatrachium parvulum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella pellucida

Change to: *Hyalinobatrachium pellucium*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella peristicta

Change to: *Centrolene peristictum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella petropolitana

Delete. Synonym of *Hyalinobatrachium eurygnathum*.

Authority: Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:1–21.

Centrolenella phenax

Change to: *Cochranella phenax*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella pipilata

Change to: *Centrolene pipilatum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella pluvialis

Change to: *Cochranella pluvialis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

Centrolenella prasina

Change to: *Cochranella prasina*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

Centrolenella prosoblepon

Change to: *Centrolene prosoblepon*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:20.

Centrolenella pulverata

Change to: *Hyalinobatrachium pulveratum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Centrolenella resplendens

Change to: *Cochranella resplendens*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

Centrolenella ritae

Change to: *Cochranella ritae*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:23.

Centrolenella siren

Change to: *Cochranella siren*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:23.

Centrolenella spiculata

Change to: *Cochranella spiculata*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:23.

Centrolenella spinosa

Change to: *Cochranella spinosa*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:23.

Centrolenella talamancae

Change to: *Hyalinobatrachium talamancae*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:24.

Centrolenella taylori

Change to: *Hyalinobatrachium taylori*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:25.

Centrolenella truebae

Change to: *Cochranella truebae*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:23.

Centrolenella uranoscopa

Change to: *Hyalinobatrachium uranoscopum*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:25.

Centrolenella valerioi

Change to: *Hyalinobatrachium valerioi*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:25.

Centrolenella vanzolinii

Delete. Synonym of *Hyalinobatrachium uranoscopum*.

Authority: Heyer, 1985, *Pap. Avulsos Zool.*, São Paulo, 36:1–21.

Centrolenella vireovittata

Change to: *Hyalinobatrachium vireovittatum*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:25.

Cochranella Taylor, 1951. *Proc. Biol. Soc. Washington*, 64:34.

TYPE SPECIES: *Centrolenella granulosa* Taylor, 1949, by original designation.

DISTRIBUTION: Humid forests from Nicaragua to Guianas, Amazonian Brazil, and Bolivia.

COMMENT: Resurrected from the synonymy of *Centrolenella* by Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Cochranella adiazeta Ruíz-Carranza and Lynch, 1991. *Lozania*, 60:4.

TYPE(S): Holotype: ICN 17919.

TYPE LOCALITY: 7 km (by road) southwest of San Gil (06°30' N, 73°10' W, 1180 m), Municipio San Gil, Departamento Santander, Colombia.

DISTRIBUTION: Elevations of 1130–2060 m on the western slopes of the Cordillera Oriental in the departments of Cundinamarca, Santander, and Tolima in Colombia.

COMMENT: In the *Cochranella ocellata* group according to original description.

Cochranella albomaculata (Taylor, 1949).

Changed from: *Centrolenella albomaculata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:21.

ORIGINAL NAME: *Centrolenella albomaculata*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella ametarsia (Flores, 1987). J. Herpetol. 21:185.

ORIGINAL NAME: *Centrolenella ametarsia*.

TYPE(S): Holotype: MCZ 96522.

TYPE LOCALITY: Headwaters of Río Caiwima, a tributary of the Río Amayaca-Yacu, ca. 70 km NNE Puerto Nariño, (03°20'S, 70°20'W), Amazonas, Colombia.

DISTRIBUTION: Known only from the type locality in the upper Amazon Basin of southern Colombia.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella anomala (Lynch and Duellman, 1973).

Changed from: *Centrolenella anomala*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:21.

ORIGINAL NAME: *Centrolenella anomala*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella azulae (Flores and McDiarmid, 1989). Herpetologica, 45:402.

ORIGINAL NAME: *Centrolenella azulae*.

TYPE(S): Holotype: USNM 195988.

TYPE LOCALITY: "near Km 184, about 3.3 km (by Tingo María-Pucallpa Rd) W of Fundo Nuevo Mundo, Cordillera Azul, Provincia Leoncio Prado, Departamento Huánuco, Peru, 1500 m."

DISTRIBUTION: Known only from the type locality in the Cordillera Azul in central Peru.

COMMENT: Known only from a female; related to *Centrolenella* (*Cochranella*) *mariae* according to original description. In the *Cochranella ocellata* Group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella balionota (Duellman, 1981).

Changed from: *Centrolenella balionota*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:21.

ORIGINAL NAME: *Centrolenella balionota*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella bejaranoi (Cannatella, 1980).

Changed from: *Centrolenella bejaranoi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:21.

ORIGINAL NAME: *Centrolenella bejaranoi*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella cochranae Goin, 1961.

ORIGINAL NAME: Delete.

Changed from: *Centrolenella cochranae*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:21.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Cochranella daidalea Ruíz-Carranza and Lynch, 1991. *Lozania*, 59:4.

TYPE(S): Holotype: ICN 18008.

TYPE LOCALITY: Granja Infantil del Padre Luna (04°56'N, 74°26'W, 2060 m), Vereda Las Marías, Municipio Albán, Departamento Cundinamarca, Colombia.

DISTRIBUTION: Elevations of 1630–2060 m on the western slopes of the Cordillera Central in the departments of Cundinamarca and Santander.

COMMENT: In the *Cochranella granulosa* group according to original description.

Cochranella duidaensis (Ayarzagüena, 1992). Publ. Asoc. Amigos Doñana, 1:17.

ORIGINAL NAME: *Centrolenella duidaensis*.

TYPE(S): Holotype: MLS 12000.

TYPE LOCALITY: "Cumbre sur del Monte Duida (03°19' N, 65°38' W; 2140 m), Territorio Federal Amazonas, Venezuela.

DISTRIBUTION: Known only from the type locality of Cerro Duida in the Guiana Highlands of southern Venezuela.

COMMENT: New combination. Characters given in the type description are in accord with the definition of *Cochranella* by Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Cochranella euhystrix (Cadle and McDiarmid, 1990). Proc. Biol. Soc. Washington, 103:748.

ORIGINAL NAME: *Centrolenella euhystrix*.

TYPE(S): Holotype: FMNH 232510.

TYPE LOCALITY: Near Chorro Blanco, about 4–4.5 km (airline) northeast of Monte Seco, Río Zaña, Departamento Cajamarca, 2610 m.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in northern Peru.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Cochranella euknemos (Savage and Starrett, 1967).

Changed from: *Centrolenella euknemos*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:22.

ORIGINAL NAME: *Centrolenella euknemos*.

COMMENT: In the *Cochranella granulosa* group according to Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:1–30.

Cochranella flavidigitata (Reynolds and Foster, 1992). Herpetol. Monogr., 6:89.

ORIGINAL NAME: *Centrolenella flavidigitata*.

TYPE(S): Holotype: USNM 257803.

TYPE LOCALITY: Road to Onofre, 3.3 km (by road) north of the road from Cochabamba to Villa Tunari, at a point 97.5 km from Cochabamba, 1600 m, Chapare Province, Bolivia.

DISTRIBUTION: Type locality on eastern slopes of Cordillera Oriental in Bolivia.

COMMENT: Known only from female holotype; tentatively placed in *Cochranella* until male is known.

Cochranella flavopunctata (Lynch and Duellman, 1973).

Changed from: *Centrolenella flavopunctata*.

Authority: Ruíz-Carranza and Lynch, 1991, *Lozania*, 57:22.

ORIGINAL NAME: *Centrolenella flavopunctata*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella geijskesi (Goin, 1966).

Changed from: *Centrolenella geijskesi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella geijskesi*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella granulosa (Taylor).

Changed from: *Centrolenella granulosa*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella granulosa*.

COMMENT: In the *Cochranella granulosa* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella griffithsi Goin, 1961.

Changed from: *Centrolenella griffithsi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: Delete.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella helenae (Ayarzagüena, 1992). Publ. Asoc. Amigos Doñana, 1:21.

ORIGINAL NAME: *Centrolenella helenae*.

TYPE(S): Holotype: MLS 9431.

TYPE LOCALITY: Quebrada Jaspe, San Ignacio de Yuruaní, Estado Bolívar, Venezuela.

DISTRIBUTION: Known only from the type locality on the northern slopes of the Guiana Highlands in southeastern Venezuela.

COMMENT: New combination. Characters given in the type description are in accord with the definition of *Cochranella* by Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella ignota (Lynch, 1990). Proc. Biol. Soc. Washington, 103:35.

ORIGINAL NAME: *Centrolenella ignota*.

TYPE(S): Holotype: ICN 14784.

TYPE LOCALITY: Peñas Blancas, Farallones de Cali, about 6 km by road southwest of Pichindé, Departamento Valle de Cauca, Colombia.

DISTRIBUTION: Known only from the type locality in the Cordillera Occidental in southern Colombia.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella mariae (Duellman and Toft, 1979).

Changed from: *Centrolenella mariae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella mariae*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella megacheira (Lynch and Duellman, 1973).

Changed from: *Centrolenella megacheira*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella megacheira*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella megistra (Rivero, 1985). Brenesia, 23:353.

ORIGINAL NAME: *Centrolenella megistra*.

TYPE(S): Holotype: MHNC SJ 0294.

TYPE LOCALITY: Urrao, Parque Las Orquídeas (Polo), 1700–1800 m, Departamento Antioquia, Colombia.

DISTRIBUTION: Type locality in the Cordillera Occidental in northern Colombia.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella midas (Lynch and Duellman, 1973).

Changed from: *Centrolenella midas*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella midas*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella nephelophila Ruíz-Carranza and Lynch, 1991, Lozania, 60:10.

TYPE(S): Holotype: ICN 24297.

TYPE LOCALITY: 3.1 km below the crest of Alto Gabinete (01°53'N, 75°41'W, 2190 m), Vereda Gabinete, Municipio Florencia, Departamento Caquetá, Colombia.

DISTRIBUTION: Elevations of 1660–2190 m on the eastern slopes of the Cordillera Oriental in Departamento Caquetá in southern Colombia.

COMMENT: In the *Cochranella ocellata* group according to original description.

Cochranella ocellata (Boulenger, 1918).

Changed from: *Centrolenella ocellata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella ocellifera (Boulenger, 1899).

Changed from: *Centrolenella ocellifera*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella orejuela (Duellman and Burrowes, 1989). Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 132:5.

ORIGINAL NAME: *Centrolenella orejuela*.

TYPE(S): Holotype: KU 145081.

TYPE LOCALITY: Between El Tambo and La Costa, 800 m, Departamento Valle de Cauca, Colombia.

DISTRIBUTION: Lower humid montane forests at elevations of 800–1250 m on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella oreonympha Ruíz-Carranza and Lynch, 1991. Lozania, 60:7.

TYPE(S): Holotype: ICN 20765.

TYPE LOCALITY: 8.6 km east of Alto Gabinete (01°53'N, 75°41'W, 2040–2270 m), Municipio de Florencia, Departamento Caquetá, Colombia.

DISTRIBUTION: Known only from the type locality on the eastern slope of the Cordillera Oriental in southern Colombia.

COMMENT: In the *Cochranella ocellata* group according to original description.

Cochranella oyampiensis (Lescure, 1975).

Changed from: *Centrolenella oyampiensis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella oyampiensis*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella phenax (Cannatella and Duellman, 1982).

Changed from: *Centrolenella phenax*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella phenax*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella pluvialis (Cannatella and Duellman, 1982).

Changed from: *Centrolenella pluvialis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:22.

ORIGINAL NAME: *Centrolenella pluvialis*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella prasina (Duellman, 1981).

Changed from: *Centrolenella prasina*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella prasina*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella puyoensis (Flores and McDiarmid, 1989). Herpetologica, 45:406.

ORIGINAL NAME: *Centrolenella puyoensis*.

TYPE(S): Holotype: MCZ 91187.

TYPE LOCALITY: 1.0 km west of Puyo, Provincia Pastaza, Ecuador, 1000–1050 m.

DISTRIBUTION: Known only from the type locality on the lower Amazonian slopes of the Andes in Ecuador.

COMMENT: Known only from a female; related to *Centrolenella* (*Cochranella*) *mariae* according to original description. In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella ramirezi Ruíz-Carranza and Lynch, 1991. Lozania, 59:13.

TYPE(S): Holotype: ICN 19684.

TYPE LOCALITY: Quebrada Alto Bonito, 820 m, Parque Natural Nacional Las Orquídeas, Vereda Venados, Municipio Frontino, Departamento Antioquia, Colombia.

DISTRIBUTION: Elevations of 20–820 m on the western slopes of the Cordillera Occidental and Pacific lowlands in Chocó Colombia.

COMMENT: In the *Cochranella granulosa* group according to original description.

Cochranella resplendens (Lynch and Duellman, 1973).

Changed from: *Centrolenella resplendens*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella resplendens*.

COMMENT: In the *Cochranella granulosa* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella ritae (B. Lutz, 1952).

Changed from: *Centrolenella ritae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella riveroi (Ayarzagüena, 1992). Publ. Asoc. Amigos Doñana, 1:27.

ORIGINAL NAME: *Centrolenella riveroi*.

TYPE(S): Holotype: MBUCV 6190.

TYPE LOCALITY: “Cumbre cerro Aracamuni,” 1600 m, Territorio Federal Amazonas, Venezuela.

DISTRIBUTION: Known only from the type locality in the Guiana Highlands of southern Venezuela.

COMMENT: New combination. Characters given in the type description are in accord with the definition of *Cochranella* by Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella savagei Ruíz-Carranza and Lynch, 1991. Lozania, 59:8.

TYPE(S): Holotype: ICN 9769.

TYPE LOCALITY: Bosque Reserva Bremen (04°39'N, 75°40'W, 2050 m), Vereda El Roble, Municipio Filandia, Departamento Quindío, Colombia.

DISTRIBUTION: Elevations of 1980–2410 m on the western slopes of the Cordillera Central in the departments of Quindío and Risaralda and at an elevation of 1800 m on the western slope of the Cordillera Occidental in Departamento del Valle del Cauca, Colombia.

COMMENT: In the *Cochranella granulosa* group according to original description.

Cochranella siren (Lynch and Duellman, 1973).

Changed from: *Centrolenella siren*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella siren*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella solitaria Ruíz-Carranza and Lynch, 1991. Lozania, 59:11.

TYPE(S): Holotype: ICN 24298.

TYPE LOCALITY: 39.3 km (by road) northwest of Florencia (01°48'N, 75°40'W, 1410 m), Vereda Tarqui, Municipio Florencia, Departamento Caquetá, Colombia.

DISTRIBUTION: Known only from the type locality on the eastern slope of the Cordillera Oriental in southern Colombia.

COMMENT: In the *Cochranella granulosa* group according to original description.

Cochranella spiculata (Duellman, 1976)

Changed from: *Centrolenella spiculata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella spiculata*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella spinosa (Taylor, 1949).

Changed from: *Centrolenella spinosa*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella spinosa*.

COMMENT: Insert at beginning: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Cochranella truebae (Duellman, 1976).

Changed from: *Centrolenella truebae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella truebae*.

COMMENT: In the *Cochranella ocellata* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

TYPE SPECIES: *Hylella fleischmanni* Boettger, 1893, by original designation.

DISTRIBUTION: Humid forests from southern Mexico to Bolivia, and northeastern Argentina.

Hyalinobatrachium antisthenesi (Goin, 1963).

Changed from: *Centrolenella antisthenesi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella antisthenesi*.

COMMENT: In the *Hyalinobatrachium pulveratum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium aureoguttatum (Barrera-Rodriguez and Ruíz-Carranza, 1989). Trianea, 3:77.

ORIGINAL NAME: *Centrolenella aureoguttata*.

TYPE(S): Holotype: ICN 17506.

TYPE LOCALITY: Km 23 on El Carmen-Quibdó road, western slope of the Cordillera Occidental (05°47'N, 76°20'W, 1030 m), Municipio El Carmen, Departamento Chocó, Colombia.

DISTRIBUTION: Elevations of 45–1340 m on the western slopes of the Cordillera Occidental from Antioquia to Valle del Cauca, Colombia.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium bergeri (Cannatella, 1980).

Changed from: *Centrolenella bergeri*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:23.

ORIGINAL NAME: *Centrolenella bergeri*.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium chirripoi (Taylor, 1958).

Changed from: *Centrolenella chirripoi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium colymbiphyllum (Taylor, 1949).

Changed from: *Centrolenella colymbiphyllum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

ORIGINAL NAME: *Centrolenella colymbiphyllum*.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium duranti (Rivero, 1985). Brenesia, 23:336.

ORIGINAL NAME: *Centrolenella duranti*.

TYPE(S): Holotype: UPRM 5811.

TYPE LOCALITY: La Mucuy, 2172 m, Estado Mérida, Venezuela.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium eurygnathum (A. Lutz, 1925).

Changed from: *Centrolenella eurygnatha*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

DISTRIBUTION: Forested slopes of southeastern Brazil from central Espírito Santo to Santa Catarina.

COMMENT: Change to read: In the *Hyalinobatrachium parvulum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. Synonymy includes five species named by Taylor and Cochran, 1953, Univ. Kansas Sci. Bull., 35:1625–1656 (*Cochranella bokermanni*, *Cochranella delicatissima*, *Cochranella divaricans*, *Cochranella petropolitana* and *Cochranella surda*) according to Heyer, 1978, Pap. Avulsos Zool., São Paulo, 32:15–33 and Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:1–21.

Hyalinobatrachium fleischmanni (Boettger, 1893).

Changed from: *Centrolenella fleischmanni*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

COMMENT: Insert at beginning: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium fragilis (Rivero, 1985). Brenesia, 23:338.

ORIGINAL NAME: *Centrolenella fragilis*.

TYPE(S): Holotype: UPRM 5938.

TYPE LOCALITY: Mundo Nuevo, between Manrique and La Sierra, 396 m, Estado Cojedes, Venezuela.

DISTRIBUTION: Known only from the type locality in the Cordillera de la Costa in northern Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium iaspidiensis (Ayarzagüena, 1992). Publ. Asoc. Amigos Doñana, 1:23.

ORIGINAL NAME: *Centrolenella iaspidiensis*.

TYPE(S): Holotype: EBD 28803.

TYPE LOCALITY: Quebrada Jaspe, San Ignacio de Yuruaní, Estado Bolívar, Venezuela.

DISTRIBUTION: Known only from the type locality on the northern slopes of the Guiana Highlands in southeastern Venezuela.

COMMENT: New combination. Characters given in the type description are in accord with the definition of *Hyalinobatrachium* by Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium loreocarinatum (Rivero, 1985). Brenesia, 23:342.

ORIGINAL NAME: *Centrolenella loreocarinata*.

TYPE(S): Holotype: UPRM 5290.

TYPE LOCALITY: La Mucuy, 2172 m, Estado Mérida, Venezuela.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium munozorum (Lynch and Duellman, 1973).

Changed from: *Centrolenella munozorum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

ORIGINAL NAME: *Centrolenella munozorum*.

COMMENT: Insert at beginning: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium orientalis (Rivero, 1968).

Changed from: *Centrolenella orientalis*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

ORIGINAL NAME: *Centrolenella orientalis*.

DISTRIBUTION: Change to read: Mountains of northern Venezuela, Sierra de Lema in the Venezuelan Guyana, Cordillera Oriental above Villavicencio, Colombia, and Tobago I.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. Synonymy includes *Centrolenella orcostalis* Rivero, 1968, Mem. Soc. Cienc. Nat. La Salle, 28:308, as shown by Cannatella and Lamar, 1986, J. Herpetol., 20:307–317.

Hyalinobatrachium ostracodermoides (Rivero, 1985). Brenesia, 23:344.

ORIGINAL NAME: *Centrolenella ostracodermoides*.

TYPE(S): Holotype: UPRM 5814.

TYPE LOCALITY: La Mucuy, 2172 m, Estado Mérida, Venezuela.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium pallidum (Rivero, 1985). Brenesia, 23:346.

ORIGINAL NAME: *Centrolenella pallida*.

TYPE(S): Holotype: UPRM 4554.

TYPE LOCALITY: Guacharaquita, between La Grita and Páramo de La Negra, 1768 m, Estado Táchira, Venezuela.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Hyalinobatrachium parvulum (Boulenger, 1895 “1894”).

Changed from: *Centrolenella parvula*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

Change author to read: (Boulenger, 1895 “1894”).

TYPE(S): Change to read: Syntypes: BM 88.2.7.32 (Lages), 93.12.22.16 (Theresopolis). BM 88.2.7.32 designated lectotype by Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:3.

TYPE LOCALITY: Change to read: “Lages, Santa Catharina” (= Santa Catarina), Brazil.

DISTRIBUTION: Change to read: Type locality in southeastern Brazil.

COMMENT: In the *Hyalinobatrachium parvulum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. According to Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:3, one syntype (BM 93.12.22.16) is in poor condition and probably represents a specimen of *Hyalinobatrachium uranoscopum*; furthermore, the specimen originated from Teresópolis, Rio de Janeiro, not Theresopolis (= Queçaba), Santa Catarina.

Hyalinobatrachium pellucidum (Lynch and Duellman, 1973).

Changed from: *Centrolenella pellucida*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

ORIGINAL NAME: *Centrolenella pellucida*.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium pleurolineatum (Rivero, 1985). Brenesia, 23:349.

ORIGINAL NAME: *Centrolenella pleurolineata*.

TYPE(S): Holotype: UPRM 5567.

TYPE LOCALITY: El Chorotal, Carretera Mérida–La Azulita, 1829 m, Estado Mérida, Venezuela.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium pulveratum (Peters, 1873).

Changed from: *Centrolenella pulverata*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

COMMENT: In the *Hyalinobatrachium pulveratum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium revocatum (Rivero, 1985). Brenesia, 23:351.

ORIGINAL NAME: *Centrolenella revocata*.

TYPE(S): Holotype: UPRM 5295.

TYPE LOCALITY: Colonia Tovar, 1800 m, Distrito Federal, Venezuela.

DISTRIBUTION: Type locality in the Cordillera de la Costa, Venezuela.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium talamancae (Taylor, 1952).

Changed from: *Centrolenella talamancae*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:24.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium taylori (Goin, 1968).

Changed from: *Centrolenella taylori*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:25.

ORIGINAL NAME: *Centrolenella taylori*.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium uranoscopum (Müller, 1924).

Changed from: *Centrolenella uranoscopa*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:25.

TYPE LOCALITY: Change to read: Humboldt (Flussgebiet des Rio Novo, Staat Santa Catharina" (= Corupá, Santa Catarina), Brazil.

DISTRIBUTION: Southeastern Brazil from central Espírito Santo to Santa Catarina, and northeastern Provincia Misiones, Argentina.

COMMENT: In the *Hyalinobatrachium parvulum* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30. Synonymy includes four species named by Taylor and Cochran, 1953, Univ. Kansas Sci. Bull., 35:1625–1656 (*Cochranella albotunica*, *Cochranella dubia*, *Cochranella lutzorum*, and *Cochranella vanzolinii*), according to Heyer, 1985, Pap. Avulsos Zool., São Paulo, 36:1–21. The identity of a specimen reported from Puerto Vilela, Provincia de Chaco, Argentina, by Contreras, 1982, Hist. Nat. Corrientes, 2(21):191, needs to be confirmed.

Hyalinobatrachium valerioi (Dunn, 1931).

Changed from: *Centrolenella valerioi*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:25.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

Hyalinobatrachium vireovittatum (Starrett and Savage, 1973).

Changed from: *Centrolenella vireovittatum*.

Authority: Ruíz-Carranza and Lynch, 1991, Lozania, 57:25.

ORIGINAL NAME: *Centrolenella vireovittata*.

COMMENT: In the *Hyalinobatrachium fleischmanni* group according to Ruíz-Carranza and Lynch, 1991, Lozania, 57:1–30.

FAMILY: Dendrobatidae Cope, 1865.

CITATION: Change to: Nat. Hist. Rev., N.S., 5:100.

COMMENT: Add to beginning: Application of Art. 40 of the Internat. Code Zool. Nomencl., 3rd ed., 1985, would necessitate dating the family group name from the use of Eubaphina by Bonaparte, 1850. Change last sentence to read: ... Ruíz, 1982, Proc. Biol. Soc. Washington, 95:557–562, ...

Authority: Dubois, 1987 “1986”, Alytes, 5:127, 141.

Allobates Zimmermann and Zimmermann, 1988. Salamandra, 24:136.

TYPE SPECIES: *Prostherapis femoralis* Boulenger, 1884.

DISTRIBUTION: Lowland forests of the Guianas and Amazon drainage of Colombia, Ecuador, Peru, and Brazil.

COMMENT: Considered to be a synonym of *Epipedobates* by Myers, Paolillo, and Daly, 1991, Am. Mus. Novit., 3002:18.

Allobates femoralis (Boulenger, 1884 “1883”).

Changed from: *Dendrobates femoralis*.

COMMENT: Delete.

Authority: Zimmermann and Zimmermann, 1988, Salamandra, 24:136.

Aromobates Myers, Paolillo, and Daly, 1991. Am. Mus. Novit., 3002:4.

TYPE SPECIES: *Aromobates nocturnus* Myers, Paolillo, and Daly, 1991, by original designation.

DISTRIBUTION: As for single species.

COMMENT: A diurnal, aquatic frog that is the sister group to all other dendrobatids according to original description.

Aromobates aquaticus Myers, Paolillo, and Daly, 1991. Amer. Mus. Novit., 3002:4.

TYPE(S): Holotype: AMNH 130005.

TYPE LOCALITY: “in cloud forest at 2250 m elevation, about 2 km airline ESE Aqua de Obispo, Estado Trujillo, Venezuela (9°42'N, 70°05'W).”

DISTRIBUTION: Small streams in Andean cloud forest at 2250 m elevation in the extreme north-eastern corner of the State of Trujillo, northwestern Venezuela.

Atopophrynus

Change to: Leptodactylidae: Telmatobiinae

Atopophrynus syntomopus

Change to: Leptodactylidae: Telmatobiinae.

Colostethus

TYPE SPECIES: Change to read: *Phyllobates latinasus* Cope, 1863, by original designation.

Colostethus agilis Lynch and Ruíz-Carranza, 1985. *Lozania*, 54:2.

TYPE(S): Holotype: ICN 7618.

TYPE LOCALITY: “Quebrada Sopladero, límite inferior del Parque Nacional Natural de Munchique, 33 Km por carretera al NNW de Uribe, Municipio El Tambo, Departamento Cauca, Colombia,” 2190 m.

DISTRIBUTION: Pacific slopes of the Cordillera Occidental at elevations of 2190–2600 m in the departments of Cauca and Valle, Colombia.

Colostethus alacris Rivero and Granados Díaz, 1989. *Caribb. J. Sci.*, 25:151.

TYPE(S): Holotype: IND-AN 4545.

TYPE LOCALITY: Cerro Munchique, Finca Primavera, 1400 m, Municipio El Tambo, Departamento Cauca, Colombia.

DISTRIBUTION: Vicinity of the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: In Group IV of the genus as defined by Rivero and Serna, *Caribb. J. Sci.*, 24:137–154.

Colostethus alboguttatus

COMMENT: Change last sentence to read: Synonymy includes *Colostethus inflexus* Rivero, 1980 “1978”, according to Rivero, 1984 “1982”, *Mem. Soc. Cien. Nat. La Salle*, 118:9–16.

Colostethus brachistriatus Rivero and Serna, 1986. *Caldasia*, 15:525.

TYPE(S): Holotype: MHNCSJ 254.

TYPE LOCALITY: Ginebra, 1500 m, Departamento Valle, Colombia.

DISTRIBUTION: Type locality in the Cordillera Occidental, Colombia.

Colostethus breviquartus Rivero and Serna, 1986. *Caldasia*, 15:529.

TYPE(S): Holotype: MHNCSJ 298.

TYPE LOCALITY: Urrao, 1700–1800 m, Parque Nacional de las Orquídeas, Departamento Antioquia, Colombia.

DISTRIBUTION: Type locality in the Cordillera Occidental, Colombia.

Colostethus cevallosi Rivero, 1991. *Caribb. J. Sci.*, 27:7.

TYPE(S): Holotype: USNM 282648.

TYPE LOCALITY: Palanda, east of Sarayacu, Río Bobonaza (about 700 m), Provincia Pastaza, Ecuador.

DISTRIBUTION: Known only from the type locality in Amazonian Ecuador.

Colostethus chocoensis

TYPE(S): Holotype: Change to read: BM 1947.2.14.27.

DISTRIBUTION: Change to read: Eastern Panama through Colombia west of the Andes to north-western Ecuador at elevations of 70–800 m.

COMMENT: Reviewed by Myers, 1991, *Am. Mus. Novit.*, 3010:1–15.

Colostethus citreicola Rivero, 1991. *Caribb. J. Sci.*, 27:11

TYPE(S): Holotype: USNM 282687.

TYPE LOCALITY: Immediate environs of Limón (General Plaza), 1097 m, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Known only from the type locality near the eastern base of the Andes in southern Ecuador.

Colostethus collaris

Change to: *Mannophryne collaris*.

Authority: LaMarca, 1992, *Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela*:32.

Colostethus dunni

COMMENT: Delete.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Colostethus durante Péfaur, 1985. J. Herpetol., 19:321.

TYPE(S): CVULA IV-1608.

TYPE LOCALITY: Páramo de La Culata, Distrito Libertador, Estado Mérida, Venezuela.

DISTRIBUTION: Páramo and subpáramo In the vicinity of La Culata in the Venezuelan Andes.

Colostethus exasperatus Duellman and Lynch, 1988. Proc. Acad. Nat. Sci. Philadelphia, 140:129.

TYPE(S): Holotype: ANSP 29218.

TYPE LOCALITY: Camp 2, "Yapita," 1700 m, on the trail from Logroño to Yaupi, west slope of Cordillera de Cutucú, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Cordillera del Cóndor and Cordillera de Cutucú in southern Ecuador.

Colostethus faciopunctulatus Rivero, 1991. Breviora, 493:23.

TYPE(S): Holotype: MCZ-A 94751.

TYPE LOCALITY: Puerto Nariño (03°46'N, 71°23'W), 15 km west of Leticia, Departamento Amazonas, Colombia.

DISTRIBUTION: Known only from the type locality in the Amazon Basin in extreme southeastern Colombia.

Colostethus fallax Rivero, 1991. Caribb. J. Sci., 27:12.

TYPE(S): Holotype: USNM 282670.

TYPE LOCALITY: 3 km W of Pilaló, 1760 m, on Quevedo-Latacunga road, Provincia Cotopaxi, Ecuador.

DISTRIBUTION: Known only from the type locality on the western slopes of the Cordillera Occidental in Ecuador.

Colostethus guatopoensis Dixon and Rivero-Blanco, 1985. J. Herpetol. 10:177.

TYPE(S): Holotype: TCWC 61386.

TYPE LOCALITY: Quebrada Guatopa, Serranía del Interior, 25.2 km N, 1 km W Altigracia de Orituco, 736 m, Estado Guárico, Venezuela.

DISTRIBUTION: Premontane rainforests on Serranía del Interior, Estado Guarico, Venezuela.

Colostethus humilis

Change to read: *Colostethus humilis* Rivero, 1980 "1978."

Colostethus idiomelus Rivero, 1991. Breviora, 493:10.

TYPE(S): Holotype: MCZ-A 100260.

TYPE LOCALITY: Venceremos, "394-395 km, on Marginal de la Selva Road, 1,620 m," Departamento San Martín, Peru.

DISTRIBUTION: Known only from the type locality on the eastern slopes of the Cordillera Central in northern Peru.

Colostethus inflexus

Delete: Synonym of *Colostethus alboguttatus*.

Authority: Rivero, 1984 "1982", Mem. Soc. Cien. Nat. La Salle, 118:9–16.

Colostethus jacobuspetersi Rivero, 1991. Caribb. J. Sci., 27:2.

TYPE(S): Holotype: USNM 282893.

TYPE LOCALITY: Barrio Villa Flora, south part of Quito, 2800 m, Provincia Pichincha, Ecuador.

DISTRIBUTION: Known only from the type locality.

Colostethus lacrimosus Myers, 1991. Am. Mus. Novit., 3010:8.

TYPE(S): Holotype: AMNH A-88828.

TYPE LOCALITY: Quebrada Guanguí, about 0.5 km above its junction with Río Patia (02°50'N, 77°25'W, 100–200 m), upper Río Saija drainage, Departamento Cauca, Colombia.

DISTRIBUTION: Pacific lowlands in departments of Chocó and Cauca in western Colombia.

COMMENT: Perhaps related to *Colostethus fuliginosus* and *C. chocoensis* according to original description.

Colostethus leopardalis

Change to read: *Colostethus leopardalis* Rivero, 1980 “1978.”

Colostethus maculosus Rivero, 1991. Breviora, 493:17.

TYPE(S): Holotype: MCZ-A 91558.

TYPE LOCALITY: Puyo “between Turingia and theatre,” 950 m, Provincia Pastaza, Ecuador.

DISTRIBUTION: Amazonian slopes of the Andes at elevations of 950–1200 m in Ecuador north of the Pastaza Valley.

Colostethus marmoreoventris Rivero, 1991. Caribb. J. Sci., 27:3.

TYPE(S): Holotype: USNM 282979.

TYPE LOCALITY: Río Negro, 1225 m, Provincia Tungurahua, Ecuador.

DISTRIBUTION: Known only from the type locality on the eastern slope of the Cordillera Oriental in Ecuador.

Colostethus mayorgai

Change to read: *Colostethus mayorgai* Rivero, 1980 “1978.”

Colostethus mdiarmidi Reynolds and Foster, 1992. Herpetol. Monogr., 6:92.

TYPE(S): Holotype: USNM 257805.

TYPE LOCALITY: 0.25 km east on road to San Onofre, north of the road from Cochabamba to Villa Tunari, at a point 97.5 km from Cochabamba, 1693 m, Chapare Province, Bolivia.

DISTRIBUTION: Type locality on eastern slopes of Cordillera Oriental in Bolivia.

Colostethus mittermeieri Rivero, 1991. Breviora, 493:3.

TYPE(S): Holotype: MCZ-A 100217.

TYPE LOCALITY: Venceremos, “394–395 km, on Marginal de la Selva Road, 1,620 m,” Departamento San Martín, Peru.

DISTRIBUTION: Known only from the type locality on the eastern slopes of the Cordillera Central in northern Peru.

Colostethus molinarii La Marca, 1985. Occas. Pap. Mus. Zool. Univ. Michigan, 710:2.

TYPE(S): Holotype: CVULA 2820.

TYPE LOCALITY: Las Playitas, 2270 m, near Bailadores (08°15'N, 71°50'W), Estado Mérida, Venezuela.

DISTRIBUTION: Elevations of 1800 to 2270 m in the Venezuelan Andes.

Colostethus mystax Duellman and Simmons, 1988. Proc. Acad. Nat. Sci. Philadelphia, 140:117.

TYPE(S): Holotype: KU 147095.

TYPE LOCALITY: Headwaters of Río Piuntza, 1830 m (approx. 03°31'S, 78°20'W), western slope of the Cordillera del Cóndor, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Known only from the type locality in the Cordillera del Cóndor in southern Ecuador.

Colostethus neblina

Change to: *Mannophryne neblina*.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Colostethus nexipus Frost, 1986. Proc. Biol. Soc. Washington, 99:214.

TYPE(S): Holotype: BM 1983.1061.

TYPE LOCALITY: Los Tayos (78°12'W, 3°10'S, Morona-Santiago Province, Ecuador.

DISTRIBUTION: Lower Amazonian slopes of the Andes in southern Ecuador and northern Peru.

Colostethus olmonae

Change to: *Mannophryne olmonae*.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Colostethus orostoma

Change to read: *Colostethus orostoma* Rivero, 1980 "1978."

Colostethus parvus Rivero, 1991. Caribb. J. Sci., 27:8.

TYPE(S): Holotype: USNM 282819.

TYPE LOCALITY: Limón and Gualaceo, on trail between Agua Rica and San Juan Bosco, 1981 m, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Elevations of 1700–2000 m on the eastern slopes of the Cordillera Oriental in southern Ecuador.

Colostethus peculiaris Rivero, 1991. Caribb. J. Sci., 27:13.

TYPE(S): Holotype: USNM 282664.

TYPE LOCALITY: Pailas, a tambo between Sevilla de Oro and Méndez, 2195 m, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Known only from the type locality on the upper Andean slopes of the Cordillera Oriental in southern Ecuador.

Colostethus pinguis Rivero and Granados Díaz, 1989. Caribb. J. Sci., 25:148.

TYPE(S): Holotype: ICN 20006.

TYPE LOCALITY: Malvasa, 2995 m, Valle de Paletará, Municipio Totoró, Departamento Valle de Cauca, Colombia.

DISTRIBUTION: Vicinity of the type locality on the Pacific slope of the Cordillera Occidental in southern Colombia.

COMMENT: In Group IX of the genus as defined by Rivero and Serna, 1988, Caribb. J. Sci., 24:137-154.

Colostethus poecilonotus Rivero, 1991. Breviora, 493, p. 13.

TYPE(S): Holotype: MCZ-A 89108.

TYPE LOCALITY: "between Chachapoyas and Bagua Grande Alva, 500 m," Departamento Amazonas, Peru.

DISTRIBUTION: Known only from the type locality in the upper Río Marañón Valley in northern Peru.

Colostethus pumilus Rivero, 1991. Caribb. J. Sci., 27:10.

TYPE(S): Holotype: USNM 282816.

TYPE LOCALITY: 3 km (by road) west of San Vicente, about 35 km (by road) east of Gualaceo, 2987 m, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Known only from the type locality in the Cordillera Oriental in southern Ecuador.

Colostethus riveroi

Change to: *Mannophryne riveroi*.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Colostethus saltuensis

Change to read: *Colostethus saltuensis* Rivero, 1980 "1978."

Colostethus sanmartini Rivero, Langone and Prigioni, 1986. *Comun. Zool. Mus. Hist. Nat. Montevideo*, 11(157):7.

TYPE(S): Holotype: MHNM 540.

TYPE LOCALITY: Las Majadas, Río Orinoco, Estado Bolívar, Venezuela.

DISTRIBUTION: Type locality in southern Venezuela.

Colostethus serranus Péfaur, 1985. *J. Herpetol.*, 19:324.

TYPE(S): Holotype: CVULA IV-2847.

TYPE LOCALITY: Via El Morro, Distrito Libertador, Estado Mérida, Venezuela.

DISTRIBUTION: Known only from the type locality in the Venezuelan Andes.

Colostethus shuar Duellman and Simmons, 1988. *Proc. Acad. Nat. Sci. Philadelphia*, 149:120.

TYPE(S): Holotype: KU 147091.

TYPE LOCALITY: Headwaters of Río Piuntza, 1830 m (approx. 03°31'S, 78°20'W), western slope of the Cordillera del Cóndor, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Known only from the type locality in the Cordillera del Cóndor in southern Ecuador.

Colostethus stepheni Martins, 1989. *Rev. Brasil. Biol.*, 49:1010.

TYPE(S): Holotype: MZUSP 64569.

TYPE LOCALITY: Vila residencial da Usina Hidroelétrica de Balbina (02°05'S, 59°55'W; 50 m), Município de Presidente Figueiredo, Estado do Amazonas, Brazil.

DISTRIBUTION: Central part of Estado do Amazonas, Brazil.

Colostethus tergogranularis Rivero, 1991. *Caribb. J. Sci.*, 27:6.

TYPE(S): Holotype: USNM 282638.

TYPE LOCALITY: Faldas, south of Sumaco, Provincia Napo, Ecuador.

DISTRIBUTION: Lowlands near base of Andes in Provincia Napo, Ecuador.

Colostethus thorntoni

Change citation to read: *Bull. U. S. Natl. Mus.*, 288:44.

Colostethus torrenticola Rivero, 1991. *Caribb. J. Sci.*, 27:4.

TYPE(S): Holotype: USNM 282603.

TYPE LOCALITY: 5 km north of Pallatanga (Waterfall at Saint Mary Sanctuary), 2450 m, Provincia Chimborazo, Ecuador.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in Ecuador.

Colostethus trilineatus

Change to read: *Colostethus trilineatus* (Boulenger, 1884 "1883").

Colostethus trinitatis

Change to: *Mannophryne trinitatis*.

Authority: LaMarca, 1992, *Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela*:32.

Dendrobates

TYPE SPECIES: Change to read: *Rana tinctoria* Cuvier, 1797, by subsequent designation of Duméril and Bibron, 1841, *Erp. Gén.*, 8:651.

DISTRIBUTION: Change to read: Southern Nicaragua to northwestern Ecuador; South America east of the Andes from southern Colombia and northern Peru to Surinam and Pará, Brazil.

COMMENT: Change to read: *Dendrobates* is a replacement name for *Hylaplesia* Boie In Schlegel, 1827, *Isis von Oken*, 20:281–294. Silverstone, 1975, *Sci. Bull. Nat. Hist. Mus. Los Angeles*

Co., 21:1-55, followed earlier authors in regarding the type species of *Dendrobates* to be *Hyla nigerrima* Spix, 1824, Spec. Nov. Testud. Ran. Brasil.:36, by the subsequent designation of Fitzinger, 1843, Syst. Rept.:52. See Dubois, 1982, Bull. Zool. Nomencl., 39:267-277, for nomenclatural discussion. The generic assignment of species to *Dendrobates* has been erratic. Myers, Daly, and Malkin, 1978, Bull. Am. Mus. Nat. Hist., 161:332, placed most of the species of *Phyllobates*, as recognized by Silverstone, 1976, Sci. Bull. Nat. Hist. Mus. Los Angeles Co., 27:1-53, in *Dendrobates*, which was subsequently divided into three genera (*Dendrobates*, *Epipedobates*, and *Minyobates*) by Myers, 1987, Pap. Avul. Zool., São Paulo, 36:301-306.

Dendrobates abditus

Change to: *Minyobates abditus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates altobueyensis

Change to: *Minyobates altobueyensis*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates anthonyi

Delete. Synonym of *Epipedobates tricolor*.

Authority: Henle, 1992, Bonn Zool. Beitr., 43:104.

Dendrobates bassleri

Change to: *Phobobates bassleri*.

Authority: Zimmermann and Zimmermann, 1988, Salamandra, 24:136.

Dendrobates biolat Morales, 1992. Caribb. J. Sci., 28:195.

TYPE(S): Holotype: MHNSM 7143.

TYPE LOCALITY: Pakitza (11°56'S, 71°18'W, 340 m), Reserva de la Biosfera del Manu, Provincia Tahuamanu, Departamento Madre de Dios, Peru.

DISTRIBUTION: Known only from the type locality and Tambopata (12°50'S, 69°17'W, 290 m) in the Departamento Madre de Dios in the upper Amazon Basin in southern Peru.

COMMENT: In the *Dendrobates quinquevittatus* group according to original description.

Dendrobates bolivianus

Change to: *Epipedobates bolivianus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates bombetes

Change to: *Minyobates bombetes*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates boulengeri

Change to: *Epipedobates boulengeri*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates castaneoticus Caldwell and Myers, 1990. Am. Mus. Novit., 2988:3.

TYPE(S): Holotype: MZUSP 64775.

TYPE LOCALITY: Near Cachoeira Juruá, Rio Xingu, State of Pará, Brazil.

DISTRIBUTION: South of the Amazon River in Pará, Brazil; known only from the type locality and Taperinha.

COMMENT: In the *Dendrobates quinquevittatus* group according to original description.

Dendrobates erythromos

Change to: *Epipedobates erythromos*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates espinosai

Change to: *Epipedobates espinosai*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates fantasticus

DISTRIBUTION: Change to read: Upper Amazon Basin in western Loreto and eastern San Martín departments in Peru.

Authority: Henle, 1992, Bonn. Zool. Beitr., 43:102, and KU specimens.

Dendrobates femoralis

Change to: *Allobates femoralis*.

Authority: Zimmermann and Zimmermann, 1988, Salamandra, 24:136.

Dendrobates fulguritus

Change to: *Minyobates fulguritus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates granuliferus

Change to: *Dendrobates granulifer*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates imitator Schulte, 1986. Sauria, 8:11.

TYPE(S): Holotype: MHNJP 10501.

TYPE LOCALITY: Km 33, Carretera Tarapoto-Yurimaguas, Departamento San Martín, Peru.

DISTRIBUTION: Vicinity of the type locality in eastern foothills of Andes.

Dendrobates ingeri

Change to: *Epipedobates ingeri*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates lamasi Morales, 1992. Caribb. J. Sci., 28:191.

TYPE(S): Holotype: MHNJP 1461.

TYPE LOCALITY: Bosque Castilla, NW of Iscozacín, (10°10'S, 75°15'W, 345 m), Provincia Huancabamba, Departamento Pasco, Peru.

DISTRIBUTION: Pre-Andean foothills in the upper Amazon Basin in departamentos Huánuco and Pasco in central Peru.

COMMENT: In the *Dendrobates quinquevittatus* group according to original description.

Dendrobates maculatus

Change to: *Epipedobates maculatus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates minutus

Change to: *Minyobates minutus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates myersi

Change to: *Epipedobates myersi*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates mysteriosus

DISTRIBUTION: Change to read: Dry forest on Cordillera del Cóndor in northern Peru.

COMMENT: Add: Reviewed by Schulte, 1990, Bol. Lima, 70:57-68.

Dendrobates opisthomelas

Change to: *Minyobates opisthomelas*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates quinquevittatus

TYPE LOCALITY: Change to read: Salto do Girão [= Salto do Jirau, Rondônia], Brazil.

DISTRIBUTION: Change to read: Rio Madeira drainage in western Brazil.

COMMENT: Delete sentence beginning with "Synonym ...". Add: Species and distribution redefined by Caldwell and Myers, 1990, Am. Mus. Novit., 2988:1-21.

Dendrobates rufulus Gorzula, 1990 "1988." Mem. Soc. Cienc. Nat. La Salle, 48:144.

TYPE(S): Holotype: MHNLS 10361.

TYPE LOCALITY: Northeast edge of Amuri-tepui (05°22'N, 62°05'W; 2600 m), Macizo del Chimantá, Estado Bolívar, Venezuela.

DISTRIBUTION: Known only from the Macizo del Chimantá in southern Venezuela.

Dendrobates silverstonei

Change to: *Phobobates silverstonei*.

Authority: Zimmermann and Zimmermann, 1988, Salamandra, 24:136.

Dendrobates sirensis Aichinger, 1991. Herpetologica, 47:1.

TYPE(S): Holotype: NHMW 31892.

TYPE LOCALITY: Serranía de Sira, Río Llullapichis drainage, 750 m, Departamento Huánuco, Peru.

DISTRIBUTION: Elevations of 1750–1560 m in the Serranía de Sira in east-central Peru.

COMMENT: In the *Dendrobates quinquevittatus* group according to original description.

Dendrobates smaragdinus

Change to: *Epipedobates smaragdinus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates steyermarki

Change to *Minyobates steyermarki*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates tricolor

Change to: *Epipedobates tricolor*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Dendrobates trivittatus

Change to: *Phobobates trivittatus*.

Authority: Zimmermann and Zimmermann, 1988, Salamandra, 24:136.

Dendrobates variabilis Zimmermann and Zimmermann, 1988. Salamandra, 24:132.

TYPE(S): Holotype: SMNS 7054.

TYPE LOCALITY: Departamento San Martín, Peru; restricted to Km 27 on the road from Tarapoto to Yurimaguas, Departamento San Martín, Peru, by Henle, 1992, Bonn Zool. Beitr., 43:102..

DISTRIBUTION: Definitely known only from the restricted type locality.

COMMENT: Related to *Dendrobates quinquevittatus* according to original description.

Dendrobates ventrimaculatus Shreve, 1935. Occas. Pap. Boston Soc. Nat. Hist., 8:213.

ORIGINAL NAME: *Dendrobates minutus ventrimaculatus*.

TYPE(S): Holotype: MCZ 19734.

TYPE LOCALITY: Sarayacu, Provincia Pastaza, Ecuador.

DISTRIBUTION: Amazon drainage of Colombia, Ecuador, Peru, and Brazil, from the foothills of the Andes east to the mouth of the Amazon and north to French Guiana.

Dendrobates viridis

Change to: *Minyobates viridis*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Dendrobates zaparo

Change to: *Epipedobates zaparo*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates Myers, 1987. Pap. Avul. Zool., São Paulo, 36:302.

TYPE SPECIES: *Prostherapis tricolor* Boulenger, 1899, by original designation.

DISTRIBUTION: Northern tropical South America.

Epipedobates andinus (Myers and Burrowes, 1987). Am. Mus. Novit., 2899:2.

ORIGINAL NAME: *Dendrobates andinus*.

TYPE(S): Holotype: IND-AN 1556.

TYPE LOCALITY: Reserva Natural La Planada (01°10'N, 78°00'W; 1780 m), Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Andes in southern Colombia.

COMMENT: Presumably most closely related to *Epipedobates erythromos* according to original description.

Epipedobates anthonyi (Noble, 1921).

Changed from: *Dendrobates anthonyi*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates azureiventris (Kneller and Henle, 1985). Salamandra, 21:62.

ORIGINAL NAME: *Phyllobates azureiventris*.

TYPE(S): Holotype: ZFMK 41507

TYPE LOCALITY: Km 26 Tarapoto-Yurimaguas road, Departamento San Martín, Peru, 700 m.

DISTRIBUTION: Vicinity of the type locality in the eastern foothills of the Andes.

COMMENT: Generic allocation was to *Dendrobates* by Myers and Burrowes, 1987, Am. Mus. Novit., 2899:12.

Epipedobates bilinguis Jungfer, 1989. Salamandra, 25:86.

TYPE(S): Holotype: ZFMK 49073.

TYPE LOCALITY: 10 km north of Puerto Francisco de Orellana (= Coca), Provincia Sucumbios, Ecuador.

DISTRIBUTION: Drainage systems of the Aguarico, Napo, and Putumayo rivers in eastern Ecuador.

COMMENT: In the *Epipedobates pictus* group according to original description.

Epipedobates bolivianus (Boulenger, 1902).

Changed from: *Dendrobates bolivianus*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates boulengeri (Barbour, 1909).

Changed from: *Dendrobates boulengeri*.

COMMENT: Delete last sentence.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates cainarachi Schulte, 1989. Bol. Lima, 63:41.

TYPE(S): Holotype: AMNH (CRS 10550).

TYPE LOCALITY: Valle del alto Río Cainarachi, 33 km north of Tarapoto on road to Yurimaguas, Departamento San Martín, Peru.

DISTRIBUTION: Lowlands (300–800 m) adjacent to northern end of Cordillera Oriental in Amazonian Peru.

COMMENT: Related to *Epipedobates petersi* according to original description. The description of *Epipedobates cainarachi* appeared in May 1989; the same species was named *Epipedobates ardens* by Junger (Salamandra, 25:89) which appeared in July 1989.

Epipedobates erythromos (Vigle and Miyata, 1980).

Changed from: *Dendrobates erythromos*.

ORIGINAL NAME: *Dendrobates erythromos*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates espinosai (Funkhouser, 1956).

Changed from: *Dendrobates espinosai*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates ingeri (Cochran and Goin, 1970).

Changed from: *Dendrobates ingeri*.

ORIGINAL NAME: *Dendrobates ingeri*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates maculatus (Peters, 1873).

Changed from: *Dendrobates maculatus*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates myersi (Pyburn, 1981).

Changed from: *Dendrobates myersi*.

ORIGINAL NAME: *Dendrobates myersi*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates parvulus (Boulenger, 1882).

Changed from: *Dendrobates parvulus*.

ORIGINAL NAME: *Dendrobates parvulus*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

DISTRIBUTION: Upper Amazon Basin in southern Ecuador and northern Peru.

Authority: Jungfer, 1989. Salamandra, 25:86.

COMMENT: Delete.

Epipedobates petersi (Silverstone, 1976).

Changed from: *Dendrobates petersi*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates pictus (Tschudi, 1838).

Changed from: *Dendrobates pictus*.

COMMENT: Delete first sentence.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates pulchripectus (Silverstone, 1976).

Changed from: *Dendrobates pulchripectus*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates smaragdinus (Silverstone, 1976).

Changed from: *Dendrobates smaragdinus*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

Epipedobates tricolor (Boulenger, 1899).

Changed from: *Dendrobates tricolor*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

COMMENT: Change to read: *Colostethus paradoxus* Rivero, 1991. Breviora, 493:20, is a junior synonym according to Rivero and Almendáriz, 1991, Politecnica, 16:106; *Phyllobates anthonyi* Noble, 1921, Am. Mus. Novit., 29:5, is a junior synonym according to Henle, 1992, Bonn. Zool. Beitr., 43:104.

Epipedobates zaparo (Silverstone, 1976).

Changed from: *Dendrobates zaparo*.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:303.

DISTRIBUTION: Change to read: Upper Amazon Basin in southern Ecuador and northern Peru.

Authority: Henle, 1992, Bonn. Zool. Beitr., 43:104.

COMMENT: Delete.

Mannophryne LaMarca, 1992. Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

TYPE SPECIES: *Colostethus yustizi*.

DISTRIBUTION: Andes, Cordillera de la Costa, and Peninsula de Paría in Venezuela; Trinidad and Tobago.

COMMENT: Genus erected for species having a dark ventral collar formerly placed *Colostethus*.

Mannophryne collaris (Boulenger, 1912).

Changed from: *Colostethus collaris*.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne herminae (Boettger, 1893). Ber. Senckenb. Naturforsch. Ges., 1893:37.

ORIGINAL NAME: *Prostherapis herminae*.

TYPE(S): Syntypes: SMF 7286 (5 specimens).

TYPE LOCALITY: Puerto Cabella, Venezuela.

DISTRIBUTION: Cordillera de la Costa, Venezuela.

COMMENT: Change to read: Resurrected from the synonymy of *Colostethus trinitatis* by LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne neblina (Test, 1956).

Changed from: *Colostethus neblina*.

COMMENT: Delete.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne oblitteratus (Rivero, 1984). Brenesia, 22:51.

ORIGINAL NAME: *Colostethus oblitteratus*.

TYPE(S): Holotype: UPRM 3492.

TYPE LOCALITY: "Carretera de Sta. Teresa a Higuerote, 10 km hacia abajo del cruce Sta. Teresa-Altigracia, 150 m, Edo. Miranda, Venezuela."

DISTRIBUTION: Type locality on lower slopes of Cordillera de la Costa, Venezuela.

COMMENT: Placed in *Mannophryne* by LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne olmonae (Hardy, 1983).

Changed from: *Colostethus olmonae*.

COMMENT: Delete.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne riveroi (Donoso-Barros, 1964).

Changed from *Colostethus riveroi*.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne trinitatis (Garman, 1887).

Changed from *Colostethus trinitatis*.

COMMENT: Delete.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Mannophryne yustizi (LaMarca, 1989). Amphibia-Reptilia, 10:176.

ORIGINAL NAME: *Colostethus yustizi*.

TYPE(S): Holotype: CVULA IV-2842.

TYPE LOCALITY: 14 km south-southeast of Sanare, on stream along Sanare-Parque Nacional Yacambú, 1475 m (approximately 09°43'N, 69°39'W), Distrito Jiménez, Estado Lara, Venezuela.

DISTRIBUTION: Cloud forests at 1475-1680 m in Serranía de Portuguesa in the Venezuelan Andes.

COMMENT: Placed in *Mannophryne* by LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:32.

Minyobates Myers, 1987. Pap. Avul. Zool., São Paulo, 36:303.

TYPE SPECIES: *Dendrobates steyermarki* Rivero, 1971, by original designation.

DISTRIBUTION: Western and central Panama, northwestern South America, and Cerro Yapacana in southern Venezuela.

Minyobates altobueyensis (Silverstone, 1975).

Changed from: *Dendrobates altobueyensis*.

ORIGINAL NAME: *Dendrobates altobueyensis*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates bombetes (Myers and Daly, 1980).

Changed from: *Dendrobates bombetes*.

ORIGINAL NAME: *Dendrobates bombetes*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates fulguritus (Silverstone, 1975).

Changed from: *Dendrobates fulguritus*.

ORIGINAL NAME: *Dendrobates fulguritus*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates minutus (Shreve, 1935).

Changed from: *Dendrobates minutus*.

ORIGINAL NAME: *Dendrobates minutus*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates opisthomelas (Boulenger, 1899).

Changed from: *Dendrobates opisthmelas*.

ORIGINAL NAME: *Dendrobates opisthmelas*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates steyermarki (Rivero, 1971).

Changed from: *Dendrobates steyermarki*.

ORIGINAL NAME: *Dendrobates steyermarki*.

COMMENT: Delete.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates viridis (Myers and Daly, 1976).

Changed from: *Dendrobates viridis*.

ORIGINAL NAME: *Dendrobates viridis*.

COMMENT: Delete first sentence.

Authority: Myers, 1987, Pap. Avul. Zool., São Paulo, 36:304.

Minyobates virolinensis Ruiz-Carranza and Ramírez-Pinilla, 1992. Lozania, 61:2.

TYPE(S): Holotype: ICN 16145,

TYPE LOCALITY: Virolín (= Inspección de Policía de Cañaverales), Vereda El Rejoj (06°13'N, 73°05'W, 1750 m), Municipio Charalá, Departamento Santander, Colombia.

DISTRIBUTION: Known only from the type locality on the western slopes of the Cordillera Oriental in northern Colombia.

COMMENT: Related to *Minyobates abditus*, *bombetes*, and *opisthomelas* according to original description.

Phobobates Zimmermann and Zimmermann, 1988. Salamandra, 24:136.

TYPE SPECIES: *Dendrobates silverstonei* Myers and Daly, 1979, by original designation.

DISTRIBUTION: Amazon Basin and Guianan Region in South America.

COMMENT: Considered to be a synonym of *Epipedobates* by Myers, Paolillo, and Daly, 1991, Am. Mus. Novit., 3002:18.

Phobobates bassleri (Melin, 1941).

Changed from: *Dendrobates bassleri*.

ORIGINAL NAME: *Dendrobates bassleri*.

COMMENT: Delete.

Authority: Zimmermann and Zimmermann, 1988, Salamandra, 24:136.

Phobobates silverstonei (Myers and Daly, 1979).

Changed from: *Dendrobates silverstonei*.

ORIGINAL NAME: *Dendrobates silverstonei*.

COMMENT: Delete.

Authority: Zimmermann and Zimmermann, 1988, *Salamandra*, 24:136.

Phobobates trivittatus (Spix, 1824).

Changed from: *Dendrobates trivittatus*.

COMMENT: Delete first sentence.

Authority: Zimmermann and Zimmermann, 1988, *Salamandra*, 24:136.

Phyllobates

Change to read: *Phyllobates* Duméril and Bibron, 1841, *Erp. Gén.*, 8:637.

COMMENT: Change to read: Even though most of the species formerly included in this genus, except for the former *Phyllobates bicolor* group, have been transferred to other genera by Myers, Daly, and Malkin, 1978, *Bull. Am. Mus. Nat. Hist.*, 161:307–366, and Myers, 1987, *Pap. Avul. Zool.*, São Paulo, 36:301–306, the most comprehensive review of this genus is by Silverstone, 1976, *Sci. Bull. Nat. Hist. Mus. Los Angeles Co.*, 27:1–53.

Authority: Dubois, 1987 “1986”, *Alytes* 5:128.

FAMILY: Discoglossidae Günther, 1858.

Change to read: **FAMILY: Discoglossidae** Günther, 1858.

CITATION: Change to read: *Proc. Zool. Soc. London*, 1858:346.

COMMENT: Change lines 1–8 to read: Four family-group names have priority over Discoglossidae—Bombinatoridae Gray, 1850; Alytae Fitzinger, 1843; Bombinatores Fitzinger, 1843; and Colodactyli Tschudi, 1838. Dubois, 1987 “1986”, *Alytes*, 6:56–68, discussed the problem and noted the submission of a proposal to the *Internat. Comm. Zool. Nomencl.* to conserve Discoglossidae.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:118.

Alytes

Change to read: *Alytes* Wagler, 1829, *Descriptiones et Icones Amphibiorum*, Pt. 2:53.

TYPE SPECIES: Change to read: *Bufo obstetricans* Laurenti, 1768, by monotypy.

DISTRIBUTION: Change line 2 to read: Majorca, Balearic Is., Spain; northwestern Africa.

COMMENT: Change to read: *Baleaphryne* Sanchíz and Adrover, 1979 “1977”, *Doñana Acta Vert.*, 4:6 (type species: *Baleaphryne muletensis* Sanchíz and Adrover, 1979) considered to be a subgenus of *Alytes* by Dubois, 1987 “1986”, *Alytes*, 5:12, who also recognized the subgenus *Ammoryctis* Lataste, 1879, *C. R. Hebd. Séances Acad. Sci. Paris*, 1879:983 (type species: *Alytes cisternasii* Boscá). See Dubois, 1984, *Mém. Mus. Natl. Hist. Nat., Paris*, (A) *Zool.*, 131:18, for nomenclatural discussion.

Alytes cisternasii

COMMENT: Subgenus *Ammoryctis*.

Alytes muletensis (Sanchíz and Adrover, 1979 “1977”).

Changed from: *Baleaphryne muletensis*.

ORIGINAL NAME: *Baleaphryne muletensis*.

COMMENT: Add at beginning: Subgenus *Baleaphryne*.

Alytes obstetricans

COMMENT: Subgenus *Alytes*.

Baleaphryne

Delete. Synonym of *Alytes*.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:12.

Baleaphryne muletensis

Change to: *Alytes muletensis*.

ORIGINAL NAME: *Baleaphryne muletensis*.

Barbourula

TYPE SPECIES: Change to read: *Barbourula busuangensis* Taylor and Noble, 1924, by monotypy.

COMMENT: Change to read: Clarke, 1987, J. Nat. Hist., 21:879-891, reviewed the genus and concluded that phenetically *Barbourula* is most similar to *Bombina*. The genus is unique among the discoglossids in being associated with tropical conditions.

Barbourula busangensis = *busuangensis*.

Bombina

TYPE SPECIES: Change to read: *Rana bombina* Linnaeus, 1761, by subsequent designation of the Internat. Comm. Zool. Nomencl. (1957). Opinion 453. Bull. Zool. Nomencl., 15:347-356.

COMMENT: Add the following: Tian and Hu, 1985, Acta Herpetol. Sinica, 4:219-224, recognized the subgenus *Bombina* to include *Bombina bombina*, *variegata*, and *orientalis* and named the subgenus *Glandula* to include *Bombina maxima*, *microdeladigitora*, and *fortinuptialis*.

Grobina Dubois, 1987 "1986", *Alytes*, 5:97, is a replacement name for *Glandula* Tian and Hu, 1985, Acta Herpetol. Sinica, 4:219-224, which is preoccupied by *Glandula* Stimpson, 1852 (Tunicata).

Bombina maxima

COMMENT: Add to end: Lanza, Nascetti, Capula, and Bullini, 1984, Monit. Zool. Ital., N. S., 18:133-152, discussed relationships of western Mediterranean species; Busack, 1986, Ann. Carnegie Mus., 55:41-61, reported on Iberian and Moroccan species.

Discoglossus galganoi Capula, Nascetti, Lanza, Bullini and Crespo, 1985. Monito. Zool. Ital., N.S., 19:72.

TYPE(S): Holotype: MZUF 15361.

TYPE LOCALITY: Serra da Guarduna, Beira Baixa, Portugal.

DISTRIBUTION: Portugal and southwestern Spain.

Discoglossus jeanneae Busack, 1986. An. Carnegie Mus., 55:54.

TYPE(S): Holotype: CM 54654.

TYPE LOCALITY: "highway C-440, 15 km ESE Alcalá de los Gazules, Cádiz Province, Spain."

DISTRIBUTION: Southern Cádiz Province, Spain.

Discoglossus montalentii Lanza, Nascetti, Capula and Bullini, 1984. Monit. Zool. Ital., N.S., 18:137.

TYPE(S): MZUF 8563.

TYPE LOCALITY: Cascade des Anglais, 1100 m, Agnone Stream, Vizzavona, Corsica.

DISTRIBUTION: Corsica.

FAMILY: Heleophrynidae

Heleophryne hewitti Boycott, 1988. Ann. Cape Prov. Mus. (Nat. Hist.), 16:310.

TYPE(S): Holotype: AMG 621.

TYPE LOCALITY: Geelhoutboom River, Loerie Forest Reserve, Elandsberg Mountains, eastern Cape Province, Rep. South Africa.

DISTRIBUTION: Elandsberg Range, eastern Cape Province, Rep. South Africa.

FAMILY: Hemisidae Cope, 1867.

Change to read: **FAMILY: Hemisotidae** Cope, 1867.

COMMENT: Add to beginning: The formation of the family-group name follows Frost and Savage, 1987, J. Afr. Assoc. Herpetol., 33:24.

Authority: Frost and Savage, 1987, J. Afr. Assoc. Herpetol., 33:24.

Hemisus

COMMENT: Change last two lines to read: gender (masculine) of this name has resulted in incorrect spellings of specific epithets; see Frost and Savage, 1987, J. Afr. Herpetol. Assoc., 33:24.

Hemisus brachydactylum

Change to: *Hemisus bracydactylus*.

Authority: Frost and Savage, 1987, J. Afr. Herpetol. Assoc., 33:24.

Hemisus guineense

Change to: *Hemisus guineensis*.

COMMENT: Add to end: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:532–535.

Authority: Frost and Savage, 1987, J. Afr. Herpetol. Assoc., 33:24.

Hemisus guttatum

Change to: *Hemisus guttatus*.

Authority: Frost and Savage, 1987, J. Afr. Herpetol. Assoc., 33:24.

Hemisus marmoratum

Change to: *Hemisus marmoratus*.

COMMENT: Add to end: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:529–532.

Authority: Frost and Savage, 1987, J. Afr. Herpetol. Assoc., 33:24.

Hemisus microscaphus

DISTRIBUTION: Change to read: Known only from Ethiopia.

Hemisus olivaceum

Change to: *Hemisus olivaceus*.

Authority: Frost and Savage, 1987, J. Afr. Herpetol. Assoc., 33:24.

Hemisus wittei

COMMENT: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:535.

FAMILY: Hylidae Gray, 1825 (1815).

Change to read: **FAMILY: Hylidae** Rafinesque, 1815.

CITATION: Change to read: Analyse Nat.:78.

SUBFAMILY: Hemiphractinae Peters, 1862.

COMMENT: Change line 2 to read: ... Amphibia and Reptiles:100

Authority: Dubois, 1987 “1986”, Alytes, 5:127.

Amphignathodon

Delete. Synonym of *Gastrotheca*.

Authority: Duellman, Maxson, and Jesiolowski, 1988, Copeia, 1988:527–543.

Amphignathodon guentheri

Change to: *Gastrotheca guentheri* (Boulenger, 1882)

ORIGINAL NAME: *Amphignathodon guentheri*.

COMMENT: Change to read: In the *Gastrotheca ovifera* group. Because of the presence of true teeth on the dentary (unique feature for anurans), this species formerly was placed in the monotypic genus *Amphignathodon*, which was shown by Duellman, Maxson, and Jesiolowski, 1988, Copeia, 1988:527–543, to be closely related to *Gastrotheca*.

Cryptobatrachus

TYPE SPECIES: Change to read: *Cryptobatrachus boulengeri* Ruthven, by original designation.

Flectonotus

TYPE SPECIES: Change to read: *Nototrema pygmaeum* Boettger, 1893, by original designation.

DISTRIBUTION: Change to read: Andes of northeastern Colombia and adjacent Venezuela; Cordillera de la Costa and Peninsula de Paria, Venezuela; Tobago and Trinidad; mountains and adjacent coastal lowlands of southeastern Brazil from Espírito Santo to São Paulo.

COMMENT: Change to read: Reviewed by Duellman and Gray, 1983, *Herpetologica*, 39:333–358, who recognized *Fritziana* as generically distinct; *Fritziana* placed in the synonymy of *Flectonotus* by Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Flectonotus fissilis (Miranda-Ribeiro, 1920).

Changed from: *Fritziana fissilis*.

COMMENT: Delete.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Flectonotus goeldii (Boulenger, 1895).

Changed from: *Fritziana goeldii*.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Flectonotus ohausi (Wandolleck, 1927).

Changed from: *Fritziana ohausi*.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Fritziana

Delete. Synonym of *Flectonotus*.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Fritziana fissilis

Change to: *Flectonotus fissilis*.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Fritziana goeldii

Change to: *Flectonotus goeldii*.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Fritziana ohausi

Change to: *Flectonotus ohausi*.

Authority: Weygoldt and Carvalho e Silva, 1991, *Amphibia-Reptilia*, 12:67–80.

Gastrotheca

TYPE SPECIES: Change to read: *Hyla marsupiata* Duméril and Bibron, 1841, by original designation.

COMMENT: Change lines 5–6 to read: 874. Dubois, 1987 “1986”, *Alytes*, 5:29–33 based three subgeneric names on these species groups and recognized the subgenera *Duellmania* Dubois, 1987 (type species: *Hyla argenteovirens* Boettger, 1892); *Gastrotheca* Fitzinger, 1843 (type

species: *Hyla marsupiata* Duméril and Bibron, 1841), and *Opisthodelphys* Günther, 1859 (type species: *Notodelphys ovifera* Lichtenstein and Weinland, 1854). Synonymy includes *Amphignathodon* according to Duellman, Maxson, and Jesiolowski, 1988, Copeia, 1988:527–543, who discussed albumin evolution in the genus.

Gastrotheca abdita Duellman, 1987. Copeia, 1987:903.

TYPE(S): Holotype: KU 196833.

TYPE LOCALITY: Cordillera Colán, 2970 m, E of La Peca, Departamento Amazonas, Peru.

DISTRIBUTION: Known only from the type locality, an isolated mountain range in the Huancabamba Depression in northern Peru.

COMMENT: In the *Gastrotheca marsupiata* group according to original description.

Gastrotheca andaquiensis

COMMENT: Change to read: Subgenus *Opisthodelphys*. Synonymy includes *Gastrotheca humbertoi* B. Lutz, 1977.

Gastrotheca angustifrons

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca argenteovirens

DISTRIBUTION: Change to read: Southern and central part of the Cordillera Central in Colombia.

COMMENT: Change to read: Subgenus *Duellmania*. The subspecies *Gastrotheca argenteovirens dunni* B. Lutz, 1977, was recognized as a distinct species by Duellman, 1987, J. Herpetol., 21:43.

Gastrotheca aureomaculata

COMMENT: Change first sentence to read: Subgenus *Duellmania*.

Gastrotheca bufona

COMMENT: Change first sentence to read: Subgenus *Opisthodelphys*.

Gastrotheca cavia

Delete. Synonym of *Gastrotheca riobambae*.

Authority: Duellman and Hillis, 1987, Herpetologica, 43:163.

Gastrotheca christiani

COMMENT: Change first sentence to read: Subgenus *Opisthodelphys*.

Gastrotheca chrysosticta

COMMENT: Change to read: Subgenus *Gastrotheca*.

Gastrotheca cornuta

DISTRIBUTION: Change last line to read: ... Panama and adjacent Costa Rica.

COMMENT: Change first sentence to read: Subgenus *Opisthodelphys*.

Authority: WED–UCR specimens.

Gastrotheca dendronastes

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca dunni Lutz, 1977. Bol. Mus. Nac., Rio de Janeiro, 290:6.

ORIGINAL NAME: *Gastrotheca argenteovirens dunni*.

TYPE(S): Holotype: MN 4092.

TYPE LOCALITY: San Pedro, Departamento Antioquia, Colombia.

DISTRIBUTION: Cloud forests at elevations of 2000–2700 m north of the Río Medellín in the northern part of the Cordillera Central, Departamento de Antioquia, Colombia.

COMMENT: This taxon was elevated to specific status by Duellman, 1987, J. Herpetol., 21:43.

Gastrotheca ernestoi

Delete. Synonym of *Gastrotheca microdisca*

Authority: Duellman, 1984, J. Herpetol., 18:305.

Gastrotheca espeletia Duellman and Hillis, 1987. Herpetologica, 43:152.

TYPE(S): Holotype: KU 169401.

TYPE LOCALITY: North shore of Lago de la Cocha, 1790 m (01°08'N, 77°07'W), Departamento Nariño, Colombia.

DISTRIBUTION: Elevations of 2530–3400 m in the southern part of the Cordillera Central in Colombia and the Nudo de Pasto in southern Colombia and northern Ecuador.

COMMENT: In the *Gastrotheca plumbea* group according to original description.

Gastrotheca excubitor

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca fissipes

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca galeata

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca gracilis

COMMENT: Change first sentence to read: Subgenus *Gastrotheca*.

Gastrotheca griswoldi

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca guentheri (Boulenger, 1882).

Changed from: *Amphignathodon guentheri*.

ORIGINAL NAME: *Amphignathodon guentheri*.

COMMENT: Change to read: In the *Gastrotheca ovifera* group. Because of the presence of true teeth on the dentary (unique feature for anurans), this species formerly was placed in the monotypic genus *Amphignathodon*, which was shown by Duellman, Maxson, and Jesiolowski, 1988, Copeia, 1988:527–543, to be closely related to *Gastrotheca*.

Gastrotheca helenae

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca humbertoi

Delete: Synonym of *Gastrotheca andaquiensis* Ruíz and Hernández, 1976.

Authority: Duellman, 1989, Caldasia, 16:106.

Gastrotheca lateonota Duellman and Trueb, 1988. J. Herpetol., 22:162.

TYPE(S): Holotype: KU 181730.

TYPE LOCALITY: El Tambo, 31.5 km (by road) east of Canchaque, 1770 m (5°22'N, 79°33'W), Cordillera de Huancabamba, Departamento Piura, Peru.

DISTRIBUTION: Known only from the type locality in cloud forest in the Cordillera de Huancabamba in northern Peru.

COMMENT: In the *Gastrotheca marsupiata* group according to original description.

Gastrotheca lauzuriacae De la Riva, 1992. Rev. Española Herp., 6:18.

TYPE(S): Holotype: CET 501.

TYPE LOCALITY: La Siberia (17°48'S, 64°46'W, 2800 m), 40 km from Comarapa toward Pojo, Provincia Carrasco, Departamento Cochabamba, Bolivia.

DISTRIBUTION: Known only from the type locality in the Andes of central Bolivia.

COMMENT: In the *Gastrotheca marsupiata* according to original description.

Gastrotheca litonedis Duellman and Hillis, 1987. Herpetologica, 43:155.

TYPE(S): Holotype: KU 202690.

TYPE LOCALITY: 10 km (by road) northeast of Girón, 2750 m (03°05'S, 79°06'W), Provincia Azuay, Ecuador.

DISTRIBUTION: Intermontane basins in the Andes of southern Ecuador.

COMMENT: In the *Gastrotheca plumbea* group according to original description.

Gastrotheca lojana

Delete: Synonym of *Gastrotheca monticola*.

Authority: Duellman and Hillis, 1987, Herpetologica, 42:158.

Gastrotheca longipes

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca marsupiata

COMMENT: Change to read: Subgenus *Gastrotheca*.

Gastrotheca medemi

Delete. Synonym of *Gastrotheca nicefori*.

Authority: Duellman, 1989, Caldasia, 16:108.

Gastrotheca microdisca

COMMENT: Change to read: Subgenus *Opisthodelphys*. *Gastrotheca ernestoi* and *Gastrotheca viridis* are junior synonyms according to Duellman, 1984, J. Herpetol. 18: 305.

Gastrotheca monticola

COMMENT: Change to read: Subgenus *Duellmania*. Synonymy includes *Gastrotheca marsupiata lojana* Parker, 1932, according to Duellman and Hillis, 1987, Herpetologica, 42:158.

Gastrotheca nicefori

COMMENT: Change to read: Subgenus *Opisthodelphys*. Duellman, 1989, Caldasia, 16: 106–108, synonymized three taxa with this species: *Gastrotheca nicefori descampi* B. Lutz and Ruíz-C., 1977, Bol. Mus. Nac., Rio de Janeiro, N.S., Zool., 289:12; *Gastrotheca medemi* Cochran and Goin, 1970, Bull. U. S. Natl. Mus., 288:172; *Gastrotheca yacambuensis* Yustiz, 1978, Rev. Univ. Centroccid. Lisandro Alvaro, Tarea Común, 1978:87.

Gastrotheca ochoai

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca orophylax

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca ovifera

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca pacchamama Duellman, 1987. Copeia, 1987:905.

TYPE(S): Holotype: KU 163288.

TYPE LOCALITY: North slope of Abra Tapuna, 7 km (by road) north of Mahuayara, 3710 m (12°74'S, 74°01'W), Departamento Ayacucho, Peru.

DISTRIBUTION: Known only from the type locality in the Cordillera Oriental of the Andes in central Peru.

COMMENT: In the *Gastrotheca marsupiata* group according to original description.

Gastrotheca peruana

COMMENT: Change to read: Subgenus *Gastrotheca*.

Gastrotheca plumbea

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca pseustes Duellman and Hillis, 1987. Herpetologica, 43:160.

TYPE(S): Holotype: KU 203443.

TYPE LOCALITY: 7.1 km (by road) north of San Lucas, 2940 m (03°41'S, 79°15'W), Provincia Loja, Ecuador.

DISTRIBUTION: Elevations of 2200–4000 m in the Andes of southern Ecuador.

COMMENT: In the *Gastrotheca marsupiata* group according to original description.

Gastrotheca psychrophila

COMMENT: Change to read: Subgenus *Duellmania*.

Gastrotheca rebecca Duellman and Trueb, 1988. J. Herpetol., 22:172.

TYPE(S): Holotype: KU 196800.

TYPE LOCALITY: Yuraceyacu on the Tambo-Valle del Apurimac trail, 2620 m (12°47'S, 73°03'W), Departamento Ayacucho, Peru.

DISTRIBUTION: Cloud forest at elevations of 2440–2970 m on the eastern slopes of the Andes in central Peru.

COMMENT: In the *Gastrotheca marsupiata* group according to original description.

Gastrotheca riobambae

COMMENT: Change to read: Subgenus *Duellmania*.

Gastrotheca ruizi Duellman and Burrowes, 1986. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 120:2.

TYPE(S): Holotype: KU 200000.

TYPE LOCALITY: Santiago, Municipio Mocoa, Departamento Putumayo, Colombia (77°00'W, 01°05'N, 2250 m).

DISTRIBUTION: Valle de Sibundoy, Cordillera Oriental of Andes, southern Colombia.

Gastrotheca testudinea

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca trachyceps Duellman, 1987. J. Herpetol., 21:44.

TYPE(S): Holotype: KU 144123.

TYPE LOCALITY: Cerro Munchique on road to the Pacific coast from El Tambo, 2170 m (02°28'N, 77°01'W), Departamento Cauca, Colombia.

DISTRIBUTION: Cloud forests at elevations of 2170–2540 m on the Pacific slopes of Cerro Munchique in the Cordillera Occidental, Colombia.

Gastrotheca viridis

Delete. Synonym of *Gastrotheca microdisca*.

Authority: Duellman, 1984, J. Herpetol., 18:305.

Gastrotheca walkeri

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca weinlandii

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca williamsoni

COMMENT: Change to read: Subgenus *Opisthodelphys*.

Gastrotheca yacambuensis

Delete. Synonym of *Gastrotheca nicefori* Gaige, 1933.

Authority: Duellman, 1989, *Caldasia*, 16:108.

Hemiphractus

Change to read: *Hemiphractus* Wagler, 1828, *Isis von Oken*, 21:736.

CITATION: Change to read: *Hemiphractus spixii* Wagler (= *Rana scutata* Spix, 1824), by monotypy.

Hemiphractus proboscideus

DISTRIBUTION: Change to read: Upper Amazon Basin in Ecuador and northern Peru.

Authority: MHNSM specimen.

Stefania

TYPE SPECIES: Change to read: *Hyla evansi* Boulenger, 1904, by original designation.

Stefania roraima

Change to: *Stefania roraimae*.

SUBFAMILY: Hylinae Gray, 1825 (1815).

Change to read: **SUBFAMILY: Hylinae** Rafinesque, 1815.

CITATION: Change to read: *Analyse Nat.*:78.

COMMENT: Add to end: Hedges, 1986, *Syst. Zool.*, 35:1–21, presented a phenetic analysis of electrophoretic data on North American hylines.

Acris

TYPE SPECIES: Change to read: *Rana gryllus* LeConte, 1825, by subsequent designation of Fitzinger, 1843, *Syst. Rept.*:31.

Authority: Dubois, 1987 “1986”, *Alytes* 5:136.

Allophryne

Change to *Allophrynidae*.

COMMENT: Delete lines 8-15. Replace with: 1986, *Proc. Biol. Soc. Washington*, 99:43, considered the species to represent a monotypic family, the *Allophrynidae* (also see Dubois, 1986, *Alytes*, 4:94–96).

Allophryne ruthveni

Change to: *Allophrynidae*.

Aparasphenodon

TYPE SPECIES: Change to read: *Aparasphenodon bruno*i Miranda-Ribeiro, 1920, by monotypy.

Aplastodiscus

TYPE SPECIES: Change to read: *Aplastodiscus perviridis* A. Lutz, 1950, by original designation.

Argenteohyla

DISTRIBUTION: Change lines 2 and 3 to read: ... Paraguay.

COMMENT: Delete last sentence.

Argenteohyla altamazonica

Delete. Synonym of *Phrynohyas venulosa*.

Authority: Duellman, 1984, *Amphibia-Reptilia*, 5:413.

Calyptahyla

TYPE SPECIES: Change to read: *Trachycephalus lichenatus* Gosse, 1851 (= *Hyla crucialis* Harlan, 1826), by original designation.

COMMENT: See comment under *Osteopilus*.

Corythomantis

TYPE SPECIES: Change to read: *Corythomantis greeningi* Boulenger, 1896, by monotypy.

Duellmanohyla Campbell and Smith, 1992. *Herpetologica*, 48:163.

TYPE SPECIES: *Hyla uranochroa* Cope, 1876, by original designation.

DISTRIBUTION: Atlantic and Pacific versants of Oaxaca, Mexico, to western Panama.

COMMENT: Campbell and Smith, 1992, *Herpetologica*, 48:153–167, erected *Duellmanohyla* for eight species formerly recognized in *Hyla* and *Ptychohyla*.

Duellmanohyla chamulae (Duellman, 1961). *Univ. Kansas Publ. Mus. Nat. Hist.* 13:354.

ORIGINAL NAME: *Ptychohyla chamulae*.

TYPE(S): Holotype: KU 58063.

TYPE LOCALITY: A stream above (6.2 km by road south of) Rayón Mescalapa, 1690 m, Chiapas, Mexico.

DISTRIBUTION: Northern slopes of the central highlands of Chiapas, Mexico.

COMMENT: Recognized as a subspecies of *Ptychohyla schmidtorum* by Duellman, 1970, *Monogr. Mus. Nat. Hist. Univ. Kansas*, 1:531; resurrected as a distinct species of *Duellmanohyla* by Campbell and Smith, 1992, *Herpetologica*, 48:165.

Duellmanohyla ignicolor (Duellman, 1961)

ORIGINAL NAME: *Ptychohyla ignicolor*

Changed from: *Ptychohyla ignicolor*.

Authority: Campbell and Smith, 1992, *Herpetologica*, 48:165.

Duellmanohyla lythroides (Savage, 1968)

ORIGINAL NAME: *Hyla lythroides*.

Changed from: *Hyla lythroides*.

Authority: Campbell and Smith, 1992, *Herpetologica*, 48: 165.

Duellmanohyla rufiocularis (Taylor, 1952)

ORIGINAL NAME: *Hyla rufiocularis*.

Changed from: *Hyla rufiocularis*.

Authority: Campbell and Smith, 1992, *Herpetologica*, 48: 165.

Duellmanohyla salvavida McCranie and Wilson, 1986). *Proc. Biol. Soc. Washington*, 99:51.

ORIGINAL NAME: *Hyla salvavida*.

TYPE(S): Holotype: KU 200999.

TYPE LOCALITY: “Quebrada de Oro (15°38'N, 86°47'W), elevation 880 m, tributary of Río Viejo, south slope of Cerro Búfalo, Cordillera de Nombre de Dios, Departamento de Atlántida, Honduras.”

DISTRIBUTION: Known only from the Cordillera de Nombre de Dios in northern Honduras.

COMMENT: Placed in *Duellmanohyla* by Campbell and Smith, 1992, *Herpetologica*, 48:153–167.

Duellmanohyla schmidtorum (Stuart, 1954)

ORIGINAL NAME: *Ptychohyla schmidtorum*.

Changed from: *Ptychohyla schmidtorum*.

Authority: Campbell and Smith, 1992, *Herpetologica*, 48:165.

Duellmanohyla soralia (Wilson and McCranie, 1985). *Herpetologica*, 41:133.

ORIGINAL NAME: *Hyla soralia*

TYPE(S): Holotype: KU 195554.

TYPE LOCALITY: Quebrada Grande (15°05'N, 88°55'W), 1370 m, Sierra de Omoa, Departamento Copán, Honduras.

DISTRIBUTION: Moderate elevations in the Sierra de Omoa, northwestern Honduras.

COMMENT: Placed in *Duellmanohyla* by Campbell and Smith, 1992, *Herpetologica*, 48:153–167.

Duellmanohyla uranochroa (Cope, 1876)

ORIGINAL NAME: *Hyla uranochroa*.

Changed from: *Hyla uranochroa*.

Authority: Campbell and Smith, 1992, *Herpetologica*, 48: 163.

Hyla

COMMENT: Add: Hedges, 1986, *Syst. Zool.*, 35:1–21, discussed the phylogenetic relationships among holarctic hylids on the basis of electrophoretic data and placed three species that formerly were in *Hyla* (*H. cadaverina*, *H. crucifer*, *H. regilla*) in *Pseudacris*.

Hyla albicans

Change to: *Scinax albicans*.

Authority: Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:21.

Hyla albopunctata

DISTRIBUTION: Change first line to read: Central, southern, and southeastern ...

Hyla albosignata

COMMENT: Add to end: See comments under *Hyla callipygia*, *Hyla cavicola*, *Hyla fluminea*, and *Hyla leucopygia*.

Hyla albovittata

Change to: *Hyla albovittata* Lichtenstein, Weinland, and von Martens, 1856. *Nomencl. Rept. Amph. Mus. Zool. Berlin*:37.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:130.

Hyla allenorum Duellman and Trueb, 1989. *Herpetologica*, 45:2.

TYPE(S): Holotype: KU 207606.

TYPE LOCALITY: Reserva Cuzco Amazónico, on the Río Madre de Dios, about 15 km east of Puerto Maldonado, 200 m (12°33'S, 69°03'W), Departamento Madre de Dios, Peru.

DISTRIBUTION: Known only from the Departamento de Madre de Dios in southern Amazonian Peru.

COMMENT: In the *Hyla parviceps* according to original description.

Hyla angustilineata

DISTRIBUTION: Change to read: Highlands from central Costa Rica to western Panama.

Authority: Arosamena and Ibañez, 1991, *Herpetol. Rev.*, 22:133.

Hyla anisitsi

Delete. Synonym of *Scinax nasica*.

Authority: Langone, 1991, *Comun. Zool. Mus. Hist. Nat. Montevideo*, 176:1–3.

Hyla ariadne

Change to: *Scinax ariadne*

Authority: Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:21.

Hyla arianae Cruz and Peixoto, 1985. Arq. Univ. Fed. Rural Rio de Janeiro, 8:62.

TYPE(S): Holotype: MZUSP 58652.

TYPE LOCALITY: Rio dos Cedros, São Bernardo, Santa Catarina, Brazil.

DISTRIBUTION: Santa Catarina, Brazil.

COMMENT: In the *Hyla albomarginata* group according to original description.

Hyla arildae Cruz and Peixoto, 1985. Arq. Univ. Fed. Rural Rio de Janeiro, 8:60.

TYPE(S): Holotype: EI 7536.

TYPE LOCALITY: Represa do Guinle, Teresópolis, Rio de Janeiro, Brazil.

DISTRIBUTION: Serra do Mar and Serra da Mantiqueira in southeastern Brazil.

COMMENT: In the *Hyla albomarginata* group according to original description.

Hyla benitezi

COMMENT: Change to read: See Donnelly and Myers, 1991, Am. Mus. Novit. 3017:11–14.

Hyla bifurca

Author: Change to read: Andersson, 1945.

DISTRIBUTION: Change to read: Upper Amazon Basin from Colombia to Bolivia; Acre, Brazil.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:273.

Hyla boans

COMMENT: Change to read: In the *Hyla boans* group. For discussion see Hoogmoed, 1990, Zool. Meded., Leiden, 64:71–93.

Hyla bocourti Mocquard, 1899. Nouv. Arch. Mus. Natl. Hist. Nat., Paris, (1)4:341.

TYPE(S): Syntypes: MNHNP 1266 (2 specimens), 6370 (6 specimens), and 6371 (6 specimens).

TYPE LOCALITY: Alta Verapaz, Guatemala.

DISTRIBUTION: Highlands of Alta and Baja Verapaz, Guatemala.

COMMENT: In the *Hyla eximia* group. Resurrected from the synonymy of *Hyla euphorbiacea* by Campbell and Lawson, 1992, Proc. Biol. Soc. Washington, 105:393–399.

Hyla cadaverina

Change to: *Pseudacris cadaverina* (Cope, 1866).

ORIGINAL NAME: *Hyla cadaverina*.

COMMENT: Change to read: In the *Pseudacris regilla* group. Placed in *Pseudacris* by Hedges, 1986, Syst. Zool., 35:11. *Hyla cadaverina* is a replacement name for *Hyla nebulosa* Hallowell, 1854, Proc. Acad. Nat. Sci. Philadelphia, 7:96.

Hyla caingua Carrizo, 1990. Cuad. Herpetol., 5(6):32.

TYPE(S): Holotype: MACN 33294.

TYPE LOCALITY: Iguazú, Misiones, Argentina.

DISTRIBUTION: Misiones and adjacent Corrientes provinces in northeastern Argentina.

COMMENT: In the *Hyla polytaenia* group according to original description. Referred to *Hyla polytaenia* by Cei, 1980, Monit. Zool. Ital., N.S., Monogr. 2:479–480.

Hyla calcarata

DISTRIBUTION: Change to read: Guianas, Amazon Basin southward to Bolivia, and upper Orinoco Basin in Venezuela and Brazil.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:273.

Hyla callipeza Duellman, 1989. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 131:2.

TYPE(S): Holotype: KU 169567.

TYPE LOCALITY: 18.5 km (by road) south of Chitigá (07°02'N, 72°40'W, 2850 m), Departamento Norte de Santander, Colombia.

DISTRIBUTION: Eastern slopes of the Cordillera Oriental in northern Colombia.
COMMENT: In the *Hyla bogotensis* group according to original description.

Hyla callipygia Cruz and Peixoto, 1984. Arq. Univ. Fed. Rural Rio de Janeiro, 7:34.

TYPE(S): WCAB 31190.

TYPE LOCALITY: Serra da Bocaina, São Paulo, Brazil.

DISTRIBUTION: Type locality and Campos de Jordão, São Paulo, Brazil.

COMMENT: Related to *Hyla albosignata* according to original description.

Hyla catracha Porras and Wilson, 1987. Copeia, 1987:478.

TYPE(S): Holotype: KU 197336.

TYPE LOCALITY: Zacate Blanco (14°20'N, 88°15'W), a village located 14 km WNW of La Esperanza, 2020 m, Sierra de Opalaca, Departamento Intibucá, Honduras.

DISTRIBUTION: Mountains of southwestern and south-central Honduras and northeastern El Salvador.

COMMENT: In the *Hyla pinorum* group according to original description.

Hyla cavicola Cruz and Peixoto, 1984. Arq. Univ. Fed. Rural Rio de Janeiro, 7:41.

TYPE(S): Holotype: EI 7341.

TYPE LOCALITY: Santa Teresa, Espírito Santo, Brazil.

DISTRIBUTION: Serra da Mantiqueira, Minas Gerais, and Serra da Boa Vista, Espírito Santo, Brazil.

COMMENT: Related to *Hyla albosignata* according to original description.

Hyla chlorostea Reynolds and Foster, 1992, Herpetol Monog., 6: 94.

TYPE(S): Holotype: USNM 257811.

TYPE LOCALITY: Parjacti, (2044 m), 83.2 km (by road) northeast of Cochabamba, on road to Villa Tunari, Provincia Chapare, Departamento Cochabamba, Bolivia.

DISTRIBUTION: Known only from the type locality on the eastern slopes of the Andes in Bolivia.

Hyla cinerea

Change to read: *Hyla cinera* (Schneider, 1799).

Authority: Dubois, 1987 "1986," Alytes, 5:130.

Hyla crucifer

Change to: *Pseudacris crucifer* (Wied-Neuwied, 1838).

ORIGINAL NAME: *Hyla crucifer*.

COMMENT: In the *Pseudacris crucifer* group. Placed in *Pseudacris* by Hedges, 1986, Syst. Zool., 35:11.

Hyla elegans

TYPE(S): Change to read: AMNH 784.

Hyla elkejungingerae

Change to: *Osteocephalus elkejungingerae*.

Authority: Henle, 1992, Bonn. Zool. Beitr., 43:112–114.

Hyla erythromma

Change to: *Ptychohyla erythromma*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Hyla fasciata

COMMENT: Add to end: Synonymy includes *Hyla steinbachi* Boulenger, 1905, according to De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:279.

Hyla favosa

Delete. Synonym of *Hyla leucophyllata* (Bereis, 1783).

Authority: Titus, Hillis, and Duellman, 1989, *Herpetologica*, 45:17–23.

Hyla fimbrimembra

DISTRIBUTION: Change to read: Mountains from central Costa Rica to western Panama.

Authority: Ibañez, Jaramillo, Solis, and Jaramillo, 1991, *Herpetol. Rev.*, 22:123–124.

Hyla fluminea Cruz and Peixoto, 1984. *Arq. Univ. Fed. Rural Rio de Janeiro*, 7:36.

TYPE(S): Holotype: EI 7328.

TYPE LOCALITY: Parque Nacional da Serra dos Orgãos, Teresópolis, Rio de Janeiro, Brazil.

DISTRIBUTION: Known only from the type locality.

COMMENT: Related to *Hyla albosignata* according to original description.

Hyla garagoensis Kaplan, 1991. *J. Herpetol.*, 25:313.

TYPE(S): Holotype: ICN 17781.

TYPE LOCALITY: Finca El Vergel, 2020 m, 38 km (by road) northeast of Garagoa on road to Miraflores, Vereda El Tunijto, Municipio Miraflores, Departamento Boyacá, Colombia.

DISTRIBUTION: Known only from the type locality on the northeastern slope of the Cordillera Oriental in Colombia.

COMMENT: Presumably related to *Hyla leucophyllata*, *Hyla marmorata*, *Hyla microcephala*, and *Hyla parviceps* groups according to original description.

Hyla gouveai Peixoto and Cruz, 1992. *Mem. Inst. Oswaldo Cruz*, 87, Suppl. 1:197.

TYPE(S): Holotype: ZUEC 6902.

TYPE LOCALITY: Brejo da Lapa, Itatiaia, Estado Rio de Janeiro, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: Related to *Hyla circumdata* according to original description.

Hyla granosa

DISTRIBUTION: Change last line to read: Bolivia and Peru.

Authority: De la Riva, 1990, *Bol. Mus. Reg. Sci. Nat. Torino*, 8:275.

Hyla guentheri

COMMENT: Change line 1 to read: ... *eucotaenia* Günther, 1869.

Hyla hadroceps Duellman and Hoogmoed, 1992. *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 147:3.

TYPE(S): Holotype: KU 69720.

TYPE LOCALITY: Area north of Acarai Mountains, west of New River (ca. 02°N, 58°W), Rupununi District, Guyana.

DISTRIBUTION: Known only from the type locality in southern Guyana.

Hyla hylax Heyer, 1985. *Proc. Biol. Soc. Washington*, 98:657.

TYPE(S): MZUSP 59937.

TYPE LOCALITY: Boracéia, São Paulo, Brazil, (ca. 23°38'S, 45°50'W).

DISTRIBUTION: Forests in coastal Parana and São Paulo, Brazil.

COMMENT: In the *Hyla circumdata* group according to original description.

Hyla ibitipoca Caramaschi and Feio, 1990. *Copeia*, 1990:542.

TYPE(S): Holotype: MN 4460.

TYPE LOCALITY: Parque Estadual do Ibitipoca (21°42'S, 43°53'W), Lima Duarte Municipality, Minas Gerais, Brazil.

DISTRIBUTION: Known from the type locality in the Serra do Ibitipoca, Minas Gerais, Brazil.

COMMENT: In the *Hyla circumdata* group according to original description.

Hyla jahni Rivero, 1961. *Bull. Mus. Comp. Zool.*, 126:113.

TYPE(S): UMMZ 46465.

TYPE LOCALITY: “Escorial” [= El Escorial], Estado Mérida, Venezuela.

DISTRIBUTION: Venezuelan Andes in the vicinity of Mérida.

COMMENT: In the *Hyla bogotensis* group. See La Marca, 1985, J. Herpetol., 19:227–237, for evidence for recognition of specific status.

Hyla kanaima

Change citation to read: Goin and Woodley, 1965. Zool. J. Linn. Soc., 48:136.

COMMENT: Reviewed by Duellman and Hoogmoed, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 147:13–15.

Hyla koechlini Duellman and Trueb, 1989, Herpetologica, 45:5.

TYPE(S): Holotype: KU 205692.

TYPE LOCALITY: Reserva Cuzco Amazónico, on the Río Madre de Dios, about 15 km east of Puert Maldonado, 200 m (12°33'S, 69°03'W), Departamento Madre de Dios, Peru.

DISTRIBUTION: Departamento Madre de Dios in Amazonian Peru.

COMMENT: In the *Hyla parviceps* according to original description.

Hyla labialis

COMMENT: Change to read: In the *Hyla labialis* group. Synonymy includes *Hyla labialis krausi* Hellmich, 1940, according to Duellman, 1989, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 131:1–12.

Hyla larinopygion

DISTRIBUTION: Change to read: Cordillera Central in Colombia.

Authority: Duellman and Hillis, 1990, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 134:1–23.

Hyla legleri

Change to: *Ptychohyla legleri*

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Hyla leptolineata

DISTRIBUTION: Change to read: Rio Grande do Sul and Paraná, Brazil.

Hyla leucophyllata

COMMENT: Change last line to read: 27:18, and Titus, Hillis, and Duellman, 1989, Herpetologica, 45:17–23. See comment under *Hyla elegans*.

Hyla leucopygia Cruz and Peixoto, 1984. Arq. Univ. Fed. Rural Rio de Janeiro, 7:39.

TYPE(S): Holotype: EI 7333.

TYPE LOCALITY: Represa do Guinle, Teresópolis, Rio de Janeiro, Brazil.

DISTRIBUTION: Serra do Mar and Serra da Mantiqueira in Rio de Janeiro and São Paulo, Brazil.

COMMENT: Related to *Hyla albosignata* according to original description.

Hyla lynchi Ruíz-Carranza and Ardila-Robayo, 1991. Caldasia, 16:337.

TYPE(S): Holotype: ICN 15202.

TYPE LOCALITY: “Límites de los municipios de Tona y Piedecuesta, vertiente occidental de la Cordillera Oriental, 37 km Bucaramanga a Pamplona” (07°06'N, 73°00', elev. 2700 m), Departamento Santander, Colombia.

DISTRIBUTION: Cloud forest at elevations of 2540–2700 m in the vicinity of the type locality on the western slope of the Cordillera Oriental in northern Colombia.

COMMENT: In the *Hyla bogotensis* group according to original description.

Hyla lythroides

Change to *Duellmanohyla lythroides*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Hyla marginata

DISTRIBUTION: Change to read: Southern and southeastern Brazil.

Hyla marianae

COMMENT: Add to end: See comment under *Osteopilus*.

Hyla marianitae Carrizo, 1992. Cuad. Herpetol., 7(3):18.

TYPE(S): Holotype: MACN 32330.

TYPE LOCALITY: Río Pescado, Sierra de las Pavas, Parque Nacional Baritú, Departamento Orán, Provincia Salta, Argentina.

DISTRIBUTION: Montane cloud forest in northwestern Argentina.

Hyla melanargyrea

DISTRIBUTION: Change to read: ...basins of Goiás and Mato...

Hyla melanomma

DISTRIBUTION: Change to read: Pacific slopes of the Sierra Madre del Sur in Guerrero and Oaxaca; Atlantic slopes in Oaxaca and Chiapas in southern Mexico.

Authority: Campbell and Brodie, 1992, J. Herpetol., 26:187–190.

Hyla meridensis Rivero, 1961. Bull. Mus. Comp. Zool., 126:131.

ORIGINAL NAME: *Hyla wilsoniana meridensis*.

TYPE(S): Holotype: MCZ 2527.

TYPE LOCALITY: Mérida, 1630 m, Estado Mérida, Venezuela.

DISTRIBUTION: Mérida Andes of Venezuela.

COMMENT: In the *Hyla labialis* according to Duellman, 1989, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 132:1–12.

Hyla minera Wilson, McCranie and Williams, 1985. Herpetologica, 41:145.

TYPE(S): Holotype: MVZ 130790

TYPE LOCALITY: 4.2 km (by road) S Purulhá, 1760 m, Departamento Baja Verapaz, Guatemala.

DISTRIBUTION: Moderate elevations in the Sierra de las Minas, Guatemala.

COMMENT: In the *Hyla miliaria* group according to original description.

Hyla minuta

DISTRIBUTION: Change to read: Lowlands of South America east of the Andes from Colombia, Venezuela, and Trinidad southward to Bolivia and Argentina.

Hyla miyatai Vigle and Goberdhan-Vigle, 1990. Herpetologica, 46:468.

TYPE(S): Holotype: MCZ A-111570.

TYPE LOCALITY: "... a stream that flows from Garza Cocha (Hosteria La Selva just north of Río Napo) into Río Napo, 7 km NE Anangu," Provincia Sucumbios, Ecuador, 260 m.

DISTRIBUTION: Known only from the type locality in Amazonian lowlands of Ecuador.

COMMENT: Probably in the *Hyla minima* group according to original description.

Hyla pacha Duellman and Hillis, 1990. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 134:4.

TYPE(S): Holotype: KU 202762.

TYPE LOCALITY: 11.2 km (by road) west-southwest of Plan de Milagro (03°03'S, 78°08'W), 2350 m, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Vicinity of type locality at elevations of 2225–2350 m on the Amazonian slopes of the Cordillera Oriental in central Ecuador.

COMMENT: In the *Hyla larinopygion* group according to original description.

Hyla parviceps

DISTRIBUTION: Change to read: Amazon Basin in southern Venezuela, western Brazil, Colombia, Ecuador, Peru, and Bolivia

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:277, and Schlüter and Mägdefrau, 1991, Amphibia-Reptilia, 12:217–219.

Hyla pelidna Duellman, 1989. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 131:8.

TYPE(S): Holotype: KU 181109.

TYPE LOCALITY: Betania (07°30'N, 72°27'W, 2220 m), Estado Táchira, Venezuela.

DISTRIBUTION: Cordillera Oriental of Andes at elevations of 2200–3000 m in northern Colombia and adjacent Venezuela.

COMMENT: In the *Hyla labialis* group according to original description.

Hyla perkinsi Campbell and Brodie, 1992. J. Herpetol., 26:187.

TYPE(S): UTA A-24637.

TYPE LOCALITY: Finca Chiblac (15°53'N, 91°16'W, 1080 m), 21.1 km (by road) NNE of Barillas, Departamento Huehuetenango, Guatemala.

DISTRIBUTION: Known only from the type locality on the northern slope of the Sierra de Cuchumatanes, Guatemala.

COMMENT: In the *Hyla pinorum* group according to original description.

Hyla pinima

DISTRIBUTION: Change to read: Minas Gerais, Brazil.

COMMENT: Add to end: See comment under *Hyla uruguaya*.

Hyla platydactyla

COMMENT: Delete all but first sentence.

Hyla polytaenia

DISTRIBUTION: Change line 2 to read: Paraguay.

Hyla psarolaima Duellman and Hillis, 1990. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 134:9.

TYPE(S): Holotype: KU 164313.

TYPE LOCALITY: 11 km (by road) east-southeast of Papallacta (00°03'S, 78°08'W), 2660 m, Provincia Napo, Ecuador.

DISTRIBUTION: Cloud forests at elevations of 1950–2660 m on the Amazonian slopes of the Cordillera Oriental in southern Colombia and Ecuador.

COMMENT: In the *Hyla larinopygion* group according to original description.

Hyla ptychodactyla Duellman and Hillis, 1990. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 134:12.

TYPE(S): Holotype: KU 209780.

TYPE LOCALITY: Pilaló (00°57'S, 79°02'W), 2320 m, Provincia Cotopaxi, Ecuador.

DISTRIBUTION: Vicinity of the type locality on the Pacific slopes of the Cordillera Occidental in central Ecuador.

COMMENT: In the *Hyla larinopygion* group according to original description.

Hyla pulchrilineata

COMMENT: Add to end: See comment under *Osteopilus*.

Hyla regilla

Change to: *Pseudacris regilla* (Baird and Girard, 1852).

ORIGINAL NAME: *Hyla regilla*.

COMMENT: Change first line to read: In the *Pseudacris regilla* group. Formerly placed in the *Hyla eximia* group; see ...

Authority: Hedges, 1986, Syst. Zool., 35:11.

Hyla riveroi

DISTRIBUTION: Change to read: Upper Amazon Basin in Colombia, Ecuador, Peru, Bolivia, and western Brazil.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:278.

Hyla rodriguezi

Change to: *Osteocephalus rodriguezi* (Rivero, 1968).

Authority: Duellman and Hoogmoed, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 147:16–19.

Hyla roraima Duellman and Hoogmoed, 1992. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 147:6.

TYPE(S): Holotype: BM 1979.560.

TYPE LOCALITY: North slope of Mt. Roraima (05°38'N, 60°44'W, elev. 1480 m), Rupununi District, Guyana.

DISTRIBUTION: Known only from the forested slopes of Mt. Roraima in southwestern Guyana.

COMMENT: In the *Hyla geographicalis* group according to original description.

Hyla rufiocularis

Change to *Duellmanohyla rufiocularis*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Hyla ruschii Weygoldt and Peixoto, 1987. Stud. Neotrop. Fauna Environ., 22:238.

TYPE(S): Holotype: EI 7741.

TYPE LOCALITY: Domingo Martins, Espírito Santo, Brazil.

DISTRIBUTION: Atlantic coastal forest at elevations of about 800 m in Espírito Santo, Brazil.

COMMENT: In the *Hyla parviceps* group according to original description.

Hyla salvadorensis

Change to: *Ptychohyla salvadorensis*

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Hyla salvaje Wilson, McCranie and Williams, 1985. Herpetologica, 41:141.

TYPE(S): Holotype: KU 195549.

TYPE LOCALITY: Quebrada Grande (15°05'N, 88°55'W), Departamento Copán, Honduras.

DISTRIBUTION: Known only from type locality in the Sierra de Omoa, northwestern Honduras.

COMMENT: In the *Hyla miliaria* group according to original description.

Hyla schubarti

DISTRIBUTION: Change to read: Upper Amazon Basin in southwestern Brazil and southern Peru.

Authority: Duellman and Salas, 1991, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 143:4.

Hyla simmonsii Duellman, 1989. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 131:8.

TYPE(S): Holotype: KU 169554.

TYPE LOCALITY: Río Calima, 1.5 km (by road) west of Lago Calima (04°00'N, 76°35'W, 1230 m), Departamento Valle de Cauca, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slope of the Cordillera Occidental in southern Colombia.

COMMENT: In the *Hyla bogotensis* group according to original description.

Hyla soaresi

DISTRIBUTION: Change to read: Piauí and Paraíba, northeastern Brazil.

Hyla steinbachi

Delete. Synonym of *Hyla fasciata* Günther, 1859 “1858”.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:279.

Hyla timbeba Martins and Cardoso, 1987. Rev. Brasil. Biol., 47:550.

TYPE(S): Holotype: MZUSP 60550.

TYPE LOCALITY: "caminho para a Vila Boa Vista, Município de Xapuri" (10°36'S, 68°32'W; 160 m), Estado do Acre, Brazil.

DISTRIBUTION: Estado do Acre, upper Amazon Basin, southwestern Brazil.

COMMENT: In the *Hyla parviceps* group according to original description.

Hyla uranochroa

Change to *Duellmanohyla uranochroa*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:1653.

Hyla uruguayana Schmidt, 1944. Field Mus. Nat. Hist. Publ., Zool. Ser., 2(9):158.

TYPE(S): FMNH 10567.

TYPE LOCALITY: Quebrada de los Cuervos, (45 km north of Treinta y Tres), Departamento Treinta y Tres, Uruguay.

DISTRIBUTION: Uruguay.

COMMENT: Resurrected from the synonymy of *Hyla minuta* by Langone, 1990, Comun. Zool. Mus. Hist. Nat. Montevideo, 12 (172):1–9. Specimens from Rio Grande do Sul formerly were referred to *Hyla pinima*.

Hyla valancifer

COMMENT: Change second sentence to read: Specimens previously allocated to this species from the Sierra de las Minas, Guatemala, are *Hyla salvaje* (McCrane and Wilson, 1985, Herpetologica, 41:141–150).

Hyla varelae Carrizo, 1992. Cuad. Herpetol., 7(3):20.

TYPE(S): Holotype: MACN 1010.

TYPE LOCALITY: "Camino Selva del Río del Oro," Provincia Chaco, Argentina.

DISTRIBUTION: Known only from the type locality in northern Argentina.

Hyla vasta

COMMENT: Add to end: See comment under *Osteopilus*.

Hyla warreni Duellman and Hoogmoed, 1992. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 147:10.

TYPE(S): Holotype: BM 1979.561.

TYPE LOCALITY: North slope of Mt. Roraima (05°38'N, 60°44'W, elev. 1480 m), Rupununi District, Guyana.

DISTRIBUTION: Known only from the type locality on the northern slope of Mt. Roraima in southwestern Guyana.

Hyla wavrini Parker, 1936. Bull. Mus. R. Hist. Nat. Belg., 12(26):2.

TYPE(S): Holotype: MRHN 1028.

TYPE LOCALITY: "Upper Orinoco, Venezuela."

DISTRIBUTION: Upper Orinoco and central Amazon Basins, South America.

COMMENT: In the *Hyla boans* group. This species was considered to be a synonym of *Hyla boans* (Linnaeus, 1758) by Duellman, 1971, Herpetologica, 27:397–405. *Hyla wavrini* was resurrected by Hoogmoed, 1990, Zool. Meded., Leiden, 64:71–93, who included *Hyla miranda-ribeiroi* Melin, 1941, in the synonymy.

Hyla weygoldti Cruz and Peixoto, 1985. Arq. Univ. Fed. Rural Rio de Janeiro, 8:63.

TYPE(S): EI 7697.

TYPE LOCALITY: Santa Tereza, Espírito Santo, Brazil.

DISTRIBUTION: Vicinity of the type locality in eastern Brazil.

COMMENT: In the *Hyla albobrenata* group according to original description.

Hyla wilderi

COMMENT: Add to end: See comment under *Osteopilus*.

Hyla xapuriensis Martins and Cardoso, 1987. Rev. Brasil. Biol., 47:553.

TYPE(S): Holotype: MZUSP 60558.

TYPE LOCALITY: "caminho para a Vila Boa Vista, Município de Xapuri" (10°36'S. 68°32'W, 160 m), Estado do Acre, Brazil.

DISTRIBUTION: Known only from the type locality in the Amazon Basin in southwestern Brazil.

COMMENT: In the *Hyla minuta* group according to original description.

Hyla zhaopingensis Tang and Zhang, 1984. Acta Zootaxon. Sinica, 9:441.

TYPE(S): Holotype: GNU 830178.

TYPE LOCALITY: Majiang, Zhaoping County, Guangxi Zhuang Autonomous Region, China.

DISTRIBUTION: Eastern Guangxi, China.

COMMENT: Related to *Hyla simplex* according to original description.

Limnaoedus

Delete. Synonym of *Pseudacris*.

Authority: Hedges, 1986, Syst. Zool., 35: 11.

Limnaoedus ocularis

Change to: *Pseudacris ocularis* (Bosc and Daudin, 1801).

COMMENT: Change to read: In the *Pseudacris ocularis* group. Reviewed (as *Limnaoedus ocularis*) by Franz and Chantell, 1978, Cat. Am. Amph. Rept., 209:1–2. Placed in *Pseudacris* on basis of electrophoretic data by Hedges, 1986, Syst. Zool., 35:11.

Nyctimantis rugiceps

ORIGINAL NAME: Delete.

Ololygon

Delete. Synonym of *Scinax*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Ololygon acuminata

Change to: *Scinax acuminata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon agilis

Change to: *Scinax agilis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon alleni

Change to: *Scinax alleni*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon argyreornata

Change to: *Scinax argyreornata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon aurata

Change to: *Scinax aurata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon baumgardneri

Change to: *Scinax baumgardneri*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon berthae

Change to: *Scinax berthae*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon blairi

Change to: *Scinax blairi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon boesemani

Change to: *Scinax boesemani*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon boulengeri

Change to: *Scinax boulengeri*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon canastrensis

Change to: *Scinax canastrensis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon catharinae

Change to: *Scinax catharinae*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

Ololygon crospedospila

Change to: *Scinax crospedospila*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon cruentomma

Change to: *Scinax cruentomma*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon cuspidata

Change to: *Scinax cuspidata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon cynocephala

Change to: *Scinax cynocephala*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon duartei

Change to: *Scinax duartei*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon ehrhardti

Change to: *Scinax ehrhardti*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon elaeochroa

Change to: *Scinax elaeochroa*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon epacrorhina

Change to: *Scinax epacrorhina*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon eurydice

Change to: *Scinax eurydice*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon flavoguttata

Change to: *Scinax flavoguttata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon funerea

Change to: *Scinax funerea*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon fuscomarginata

Change to: *Scinax fuscomarginata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon fuscovaria

Change to: *Scinax fuscovaria*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon garbei

Change to: *Scinax garbei*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon goinorum

Change to: *Scinax goinorum*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon hayii

Change to: *Scinax hayii*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon humilis

Change to: *Scinax humilis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon kennedyi

Change to: *Scinax kennedyi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon longilinea

Change to: *Scinax longilinea*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Ololygon machadoi

Change to: *Scinax machadoi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon maracaya

Change to: *Scinax maracaya*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon mirim

Delete. Synonym of *Scinax rizibilis*

Authority: Andrade and Cardoso, 1987, Rev. Brasil. Zool., 3:433-440.

Ololygon nasica

Change to: *Scinax nasica*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon nebulosa

Change to: *Scinax nebulosa*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon obtriangulata

Change to: *Scinax obtriangulata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon opalina

Change to: *Scinax opalina*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon pachychnus

Change to: *Scinax pachychnus*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon perpusilla

Change to: *Scinax perpusilla*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon proboscidea

Change to: *Scinax proboscidea*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon quinquefasciata

Change to: *Scinax quinquefasciata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon rizibilis

Change to: *Scinax rizibilis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon rostrata

Change to: *Scinax rostrata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon rubra

Change to: *Scinax rubra*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon similis

Change to: *Scinax similis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon squalirostris

Change to: *Scinax squalirostris*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon staufferi

Change to: *Scinax staufferi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon strigilata

Change to: *Scinax strigilata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon sugillata

Change to: *Scinax sugillata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon trachythorax

Change to: *Scinax trachythorax*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon trilineata

Change to: *Scinax trilineata*,

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon wandae

Change to: *Scinax wandae*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Ololygon x-signata

Change to: *Scinax x-signata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Osteocephalus

TYPE SPECIES: Change to read: *Osteocephalus taurinus* Steindachner, 1862, by subsequent designation of Kellogg, 1932, Bull. U. S. Natl. Mus., 160:149.

Authority: Dubois, 1987 "1986", Alytes 5:136.

COMMENT: Change last sentence to read: Also see Duellman and Hoogmoed, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 147:15–19, and Ayarzagüena, Señaris, and Gorzula, 1992, Mem. Soc. Cienc. Nat. La Salle, 52:113–142, who named five species from the Guiana Highlands of Venezuela and recognized the *Osteocephalus rodriguezi* group.

Osteocephalus aecii Ayarzagüena, Señaris, and Gorzula, 1992. Mem. Soc. Cienc. Nat. La Salle, 52:119.

TYPE(S): Holotype: MLS 12014.

TYPE LOCALITY: "Cumbre sur del Monte Duida" (03°19' N, 65°38' W; 2150 m), Territorio Federal Amazonas, Venezuela.

DISTRIBUTION: Known only from the type locality in the Guiana Highlands of southern Venezuela.

COMMENT: In the *Osteocephalus rodriguezi* group according to original description.

Osteocephalus edelcae Ayarzagüena, Señaris, and Gorzula, 1992. Mem. Soc. Cienc. Nat. La Salle, 52:122.

TYPE(S): Holotype: MLS 10626.

TYPE LOCALITY: Auyan-tepuy, 10.8 km E of Salto Angel (05°58' N, 62°29' W; 1970 m), Estado Bolívar, Venezuela.

DISTRIBUTION: Tepuis in the vicinity of the type locality in southeastern Venezuela.

COMMENT: In the *Osteocephalus rodriguezi* group according to original description.

Osteocephalus elkejungingerae (Henle, 1981). Amphibia-Reptilia, 2:123.

Changed from: *Hyla elkejungingerae*.

ORIGINAL NAME: *Hyla elkejungingerae*.

DISTRIBUTION: Change to read: Moderate elevations in the Cordillera Azul in central Peru.

COMMENT: Change to read: Redescribed as a species of *Osteocephalus* by Henle, 1992, Bonn. Zool. Beitr., 43:112–114.

Osteocephalus galani Ayarzagüena, Señaris, and Gorzula, 1992. Mem. Soc. Cienc. Nat. La Salle, 52:127.

TYPE(S): Holotype: MLS 10608.

TYPE LOCALITY: Sabanas del Talud del Guadacapiapuy-tepuy, near Yuruaní-tepuy, 1250 m, Estado Bolívar, Venezuela.

DISTRIBUTION: Known only from the type locality in the Guiana Highlands in southeastern Venezuela.

COMMENT: In the *Osteocephalus rodriguezi* group according to original description.

Osteocephalus lepieurii

DISTRIBUTION: Change to read: Guianas and Amazon Basin southward to Bolivia.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:281.

Osteocephalus luteolabris Ayarzagüena, Señaris, and Gorzula, 1992. Mem. Soc. Cienc. Nat. La Salle, 52:131.

TYPE(S): Holotype: MLS 9376.

TYPE LOCALITY: "Tepui Marahuaca Norte" (03°45' N, 65°30' W; 2550 m), Territorio Federal Amazonas, Venezuela.

DISTRIBUTION: Known only from the type locality in the Guiana Highlands of southern Venezuela.

COMMENT: In the *Osteocephalus rodriguezi* group according to original description.

Osteocephalus rimarum Ayarzagüena, Señaris, and Gorzula, 1992. Mem. Soc. Cienc. Nat. La Salle, 52:133.

TYPE(S): Holotype: MLS 10646.

TYPE LOCALITY: Ptari-tepuy (05°47' N, 61°47' W; 2400 m), Estado Bolívar, Venezuela.

DISTRIBUTION: Known only from the type locality in the Guiana Highlands in southeastern Venezuela.

COMMENT: In the *Osteocephalus rodriguezi* group according to original description.

Osteocephalus rodriguezi (Rivero, 1968). Breviora, 307:1.

Changed from: *Hyla rodriguezi*.

TYPE(S): Holotype: MCZ 64740.

TYPE LOCALITY: Paso del Danto, Region de La Escalera, 1400 m, road from ElDorado to Santa Elena de Uairén, Estado Bolívar, Venezuela.

DISTRIBUTION: Elevations of 1100–1210 m on the north face of the Sierra de Lema and the northern part of the Gran Sabana in Estado Bolívar, southeastern Venezuela.

COMMENT: Transferred from *Hyla* by Duellman and Hoogmoed, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 147:16–19, and recognized as a member of the *Osteocephalus rodriguezi* group by Ayarzagüena, Señaris, and Gorzula, 1992, Mem. Soc. Cienc. Nat. La Salle, 52:113–142.

Osteocephalus subtilis Martins and Cardoso, 1987. Rev. Brasil. Biol., 47:556.

TYPE(S): Holotype: MZUSP 60561.

TYPE LOCALITY: Igarapé Brasília, Município de Cruzeiro do Sul (07°37'S, 72°42'W; 190 m), Estado do Acre, Brazil.

DISTRIBUTION: Estado do Acre in Amazon Basin in southwestern Brazil.

Osteopilus

COMMENT: Add to end: According to immunological evidence presented by Maxson, in Adler, 1992, Herpetology:49, *Osteopilus* is paraphyletic with respect to *Calyptrahyla* and most species of West Indian *Hyla* (*marianae*, *pulchrilineata*, *vasta*, and presumably *wilderi*).

Phrynohyas

TYPE SPECIES: Change to read: *Hyla zonata* Spix, 1824 (= *Rana venulosa* Laurenti, 1768), by original designation.

Authority: Dubois, 1987 "1986", Alytes 5:136.

Phrynohyas coriacea

DISTRIBUTION: Change to read: Surinam and upper Amazon Basin in Ecuador, Peru, and Bolivia.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:282.

Phrynohyas venulosa

COMMENT: Change last sentence to read: *Argenteohyla altamazonica* Henle, 1981, Amphibia-Reptilia, 2:134 is a junior synonym according to Duellman, 1984, Amphibia-Reptilia, 5:413.

Phyllodytes

TYPE SPECIES: Change to read: *Hyla luteola* Wied-Neuwied, 1824, by monotypy.

Phyllodytes brevirostris Peixoto and Cruz, 1988. Rev. Brasil. Biol., 48:268.

TYPE(S): Holotype: In MZUSP.

TYPE LOCALITY: Alhandra, Paraíba, Brazil.

DISTRIBUTION: Known only from the type locality in northeastern Brazil.

Phyllodytes kautskyi Peixoto and Cruz, 1988. Rev. Brasil. Biol. 48:266.

TYPE(S): Holotype: EI 7728.

TYPE LOCALITY: Município de Domingos Martins, Espírito Santo, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

Phyllodytes melanomystax Caramaschi, Silva, and Britto-Pereira, 1992. Copeia, 1992:187.

TYPE(S): Holotype: MN 4823.

TYPE LOCALITY: Guaibim (13°17'S, 38°58'W, sea level), Município de Valença, Estado do Bahia, Brazil.

DISTRIBUTION: Coastal area of southern Bahia in eastern Brazil.

Plectrohyla

COMMENT: For review of genus and phylogenetic analysis see Duellman and Campbell, 1992, Misc. Publ. Mus. Zool. Univ. Michigan, 181:1–31.

Plectrohyla acanthodes Duellman and Campbell, 1992. Misc. Publ. Mus. Zool. Univ. Michigan, 181:2.

TYPE(S): Holotype: KU 58824.

TYPE LOCALITY: A stream 6.2 km S of Rayón Mescalapa, 1690 m, Chiapas, Mexico.

DISTRIBUTION: Cloud forest at elevations of 1540–1700 m on the northern slopes of the Meseta Central de Chiapas, Mexico.

COMMENT: Related to *Plectrohyla guatemalensis* according to original description.

Plectrohyla avia

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, Misc. Publ. Mus. Zool. Univ. Michigan, 181:1–31.

Plectrohyla dasypus

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, Misc. Publ. Mus. Zool. Univ. Michigan, 181:1–31.

Plectrohyla glandulosa

DISTRIBUTION: Highlands of Guatemala, El Salvador, and western Honduras.

Authority: Wilson, McCranie and Williams, 1986, *Herp. Rev.*, 17:8.

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla guatemalensis

DISTRIBUTION: Change to read: Highlands of the Sierra Madre from southeastern Chiapas, Mexico, eastward through the central and southwestern highlands of Guatemala to northwestern El Salvador, adjacent Honduras, and the Sierra de Nombre de Dios in north-central Honduras.

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla hartwegi

DISTRIBUTION: Change to read: Pacific slopes of the Sierra Madre de Chiapas and extreme eastern Oaxaca, Mexico; northern slopes of the Sierra de Cuchumatanes, mountains in El Quiché, and Sierra de las Minas, Guatemala; and Cerro Celaque in southwestern Honduras.

COMMENT: Change to read: Related to *Plectrohyla teuchestes*.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla ixil

COMMENT: Change to read: Related to *Plectrohyla matudai*.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla lacertosa

DISTRIBUTION: Change to read: Pacific slopes of the Sierra Madre de Chiapas, Mexico.

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla matudai

COMMENT: Change to read: Related to *Plectrohyla ixil*.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla pokomchi

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla pychnochila

COMMENT: Delete.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla quecchi

DISTRIBUTION: Change to read: Atlantic slopes of Guatemala.

COMMENT: Change to read: Related to *Plectrohyla sagorum*.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla sagorum

COMMENT: Change to read: Related to *Plectrohyla quecchi*.

Authority: Duellman and Campbell, 1992, *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:1–31.

Plectrohyla teuchestes Duellman and Campbell, 1992. *Misc. Publ. Mus. Zool. Univ. Michigan*, 181:15.

TYPE(S): Holotype: KU 58831.

TYPE LOCALITY: Finca Los Alpes (15°22'N, 90°01'W, ca. 1000 m), Departamento de Alta Verapaz, Guatemala.

DISTRIBUTION: South slope of the Sierra de Xucaneb in eastern Guatemala and Sierra de Omoa in northwestern Honduras.

COMMENT: Related to *Plectrohyla hartwegi* according to original description.

Pseudacris

TYPE SPECIES: Change to read: *Rana nigrita* LeConte, 1825, by original designation.

COMMENT: Three species of *Hyla* (*Hyla cadaverina*, *Hyla crucifer*, and *Hyla regilla*) and *Limnaoedus ocularis* were placed in *Pseudacris* on the basis of electrophoretic evidence by Hedges, 1986, Syst. Zool., 35:11, who discussed the species groups noted in the accounts. Also using allozymic evidence, Hardy and Borroughs, 1986, Bull. Maryland Herpetol. Soc., 22:80, suggested that *Hyla crucifer* be placed in a separate genus, *Parapseudacris*.

Pseudacris brachyphona

COMMENT: Insert at beginning: In the *Pseudacris nigrita* group.

Pseudacris brimleyi

COMMENT: Insert at beginning: In the *Pseudacris nigrita* group.

Pseudacris cadaverina (Cope, 1866).

Changed from: *Hyla cadaverina*.

ORIGINAL NAME: *Hyla cadaverina*.

COMMENT: Change to read: In the *Pseudacris regilla* group. Placed in *Pseudacris* by Hedges, 1986, Syst. Zool., 35:11. *Hyla cadaverina* is a replacement name for *Hyla nebulosa* Hallowell, 1854, Proc. Acad. Nat. Sci. Philadelphia, 7:96.

Pseudacris clarkii

COMMENT: Insert at beginning: In the *Pseudacris nigrita* group.

Pseudacris crucifer (Wied-Neuwied, 1838).

Changed from: *Hyla crucifer*.

ORIGINAL NAME: *Hyla crucifer*.

COMMENT: In the *Pseudacris crucifer* group. Placed in *Pseudacris* by Hedges, 1986, Syst. Zool., 35:11.

Pseudacris nigrita

COMMENT: Insert at beginning: In the *Pseudacris nigrita* group.

Pseudacris ocularis (Bosc and Daudin, 1801).

Changed from: *Limnaoedus ocularis*.

COMMENT: Change to read: In the *Pseudacris ocularis* group. Reviewed (as *Limnaoedus ocularis*) by Franz and Chantell, 1978, Cat. Am. Amph. Rept., 209.1–2. Placed in *Pseudacris* on basis of electrophoretic data by Hedges, 1986, Syst. Zool., 35:11.

Pseudacris ornata

COMMENT: Insert at beginning: In the *Pseudacris ornata* group.

Pseudacris regilla (Baird and Girard, 1852).

Changed from: *Hyla regilla*.

ORIGINAL NAME: *Hyla regilla*.

COMMENT: Change first line to read: In the *Pseudacris regilla* group. Formerly placed in the *Hyla eximia* group; see ...

Authority: Hedges, 1986, Syst. Zool., 35:11.

Pseudacris streckeri

COMMENT: Insert at beginning: In the *Pseudacris ornata* group.

Pseudacris triseriata

COMMENT: Insert at beginning: In the *Pseudacris nigrita* group. Add to end: *Pseudacris triseriata feriarum* (Baird, 1854) was recognized tentatively as a distinct species by Hedges, 1986, Syst. Zool., 35:1–21.

Ptychohyla

COMMENT: Change to read: Some species formerly placed in *Ptychohyla* were transferred to *Duellmanohyla* and some species formerly recognized in *Hyla* were placed in *Ptychohyla* by Campbell and Smith, 1992, Herpetologica, 48:153–167, who provided a phylogenetic analysis.

Ptychohyla erythromma (Taylor, 1937)

ORIGINAL NAME: *Hyla erythromma*.

Changed from: *Hyla erythromma*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Ptychohyla ignicolor

Change to: *Duellmanohyla ignicolor*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Ptychohyla legleri (Taylor, 1958)

ORIGINAL NAME: *Hyla legleri*.

Changed from: *Hyla legleri*.

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Ptychohyla macrotympanum (Tanner, 1957). Great Basin Nat., 17:52.

ORIGINAL NAME: *Hyla macrotympanum*.

TYPE(S): Holotype: AMNH 62141.

TYPE LOCALITY: 10 miles east of Chiapa de Corzo, Chiapas, Mexico.

DISTRIBUTION: Highlands of Chiapas, Mexico, and extreme western Guatemala.

COMMENT: Recognized as a subspecies of *Ptychohyla euthysanota* by Duellman, 1970, Monogr. Mus. Nat. Hist. Univ. Kansas, 1:539. Resurrected as a distinct species by Campbell and Smith, 1992, Herpetologica, 48:165.

Ptychohyla merazi Wilson and McCranie, 1989, Herpetologica, 45:10.

TYPE(S): Holotype: KU 204213.

TYPE LOCALITY: Quebrada del Oro (15°38'N, 86°47'W), 880 m, tributary of Río Viejo, south slope of Cerro Búfalo, Cordillera de Nombre de Dios, Departamento Atlántida, Honduras.

DISTRIBUTION: In subtropical wet forest at elevations of 810–1090 m in Quebrada del Oro in northern Honduras.

Ptychohyla salvadorensis (Mertens, 1952)

ORIGINAL NAME: *Hyla salvadorensis*

Changed from: *Hyla salvadorensis*

Authority: Campbell and Smith, 1992, Herpetologica, 48:165.

Ptychohyla sanctaecrucis Campbell and Smith, 1992. Herpetologica, 48:155.

TYPE(S): Holotype: UTA A-30170.

TYPE LOCALITY: Near Chinamococh, Finca Semuc, 640 m, Departamento Izabal, Guatemala.

DISTRIBUTION: Sierra de Santa Cruz in eastern Guatemala.

Ptychohyla schmidtorum

Change to: *Duellmanohyla schmidtorum*.

Authority: Campbell and Smith, 1992, *Herpetologica*, 48:165.

Scarthyla Duellman and De Sá, 1988. *Trop. Zool.*, 1:118.

TYPE SPECIES: *Scarthyla ostinodactyla* Duellman and De Sá, 1988, by original designation.

DISTRIBUTION: As for the single species.

COMMENT: The sister group of *Scinax* according to Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:1–23.

Scarthyla ostinodactyla Duellman and De Sá, 1988. *Trop. Zool.*, 1:119.

TYPE(S): Holotype: KU 205756.

TYPE LOCALITY: Reserva Cuzco Amazónico, 15 km east of Puerto Maldonado, (12°33'S, 69°03'W, 200 m) Departamento Madre de Dios, Peru.

DISTRIBUTION: Upper Amazon Basin in Peru.

Scinax Wagler, 1830. *Nat. Syst. Amph.*:201.

TYPE SPECIES: *Hyla aurata* Wied-Neuwied, 1821, by subsequent designation of Stejneger, 1907, *Bull. U.S. Natl. Mus.*, 56:76.

DISTRIBUTION: Southern Mexico to Argentina and Uruguay.

COMMENT: Frogs formerly recognized in the *Hyla rubra* group or the genus *Ololygon* Fitzinger, 1843 (type species *Hyla strigilata* Spix, 1824, by monotypy) were placed in *Scinax* by Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:1–23, who defined the genus as the sister group of *Scarthyla*.

Scinax acuminata (Cope, 1862)

Changed from: *Ololygon acuminata*.

Authority: Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:21.

COMMENT: Change first sentence to read: In the *Scinax x-signata* group according to Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:16.

Scinax agilis (Cruz and Peixoto, 1983)

Changed from: *Ololygon agilis*.

Authority: Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:21.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:16.

Scinax albicans (Bokermann, 1967)

Changed from: *Hyla albicans*.

Authority: Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:21.

Scinax alcatraz (B. Lutz, 1973). *Bol. Mus. Nat., Rio de Janeiro, Zool.*, 288:2.

ORIGINAL NAME: *Hyla catharinae alcatraz*.

TYPE(S): Syntypes: MN 4084-4086.

TYPE LOCALITY: Ilha dos Alcatrazes, São Paulo, Brazil.

DISTRIBUTION: Known only from the type locality.

COMMENT: Recognized as a distinct species by Peixoto, 1988, *Acta Biol. Leopoldensis*, 10:253-267. In the *Scinax perpusilla* group according to Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:16.

Scinax alleni (Cope, 1870)

Changed from: *Ololygon alleni*.

Authority: Duellman and Wiens, 1992, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 151:21.

COMMENT: Change to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax argyreornata (Miranda-Ribeiro, 1926)

Changed from: *Oloolygon argyreornata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15.

Scinax ariadne (Bokermann, 1967)

Changed from: *Hyla ariadne*.

Scinax atrata (Peixoto, 1988). Arq. Univ. Fed. Rural Rio de Janeiro, Jan./Dec. 1988:31.

ORIGINAL NAME: *Hyla atrata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

TYPE(S): Holotype: WCAB 31326.

TYPE LOCALITY: São José do Barreiro, Serra da Bocaina, São Paulo, Brazil.

DISTRIBUTION: Serra da Bocaina and Serra Itatiaia, southeastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *perpusilla* group according to original description.

Scinax aurata (Wied-Neuwied, 1821)

Changed from: *Oloolygon aurata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

TYPE(S): Change to read: Lost; KU 125383 designated as neotype by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:5.

TYPE LOCALITY: Change to read: Maracás, Estado do Bahia, Brazil.

COMMENT: Change to read: Not assigned to species group; see discussion by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax baumgardneri (Rivero, 1961)

Changed from: *Oloolygon baumgardneri*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax berthae (Barrio, 1962)

Changed from: *Oloolygon berthae*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax blairi (Fouquette and Pyburn, 1972).

Changed from: *Oloolygon blairi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax boesemani (Goin, 1966)

Changed from: *Oloolygon boesemani*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: In the *Scinax x-signata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax boulengeri (Cope, 1887)

Changed from: *Oloolygon boulengeri*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change last sentence to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax caldarum B. Lutz, 1968. Pearce-Sellards Ser., Texas Mem. Mus., 10:11.

ORIGINAL NAME: *Hyla duartei caldarum*.

TYPE(S): Holotype: MN 4002.

TYPE LOCALITY: Poços de Caldas, Minas Gerais, Brazil.

DISTRIBUTION: Southern Minas Gerais, Brazil.

COMMENT: Recognized as a distinct species by Andrade and Cardoso, 1991, Rev. Brasil. Biol., 51:391–402.

Scinax canastrensis (Cardoso and Haddad, 1982)

Changed from: *Oloolygon canastrensis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax cardosoi (Carvalho e Silva and Peixoto, 1991). Rev. Brasil. Biol., 51:264.

ORIGINAL NAME: *Oloolygon cardosoi*.

TYPE(S): Holotype: MZUSP 66626.

TYPE LOCALITY: Vale de Revolta, Teresópolis, Estado do Rio de Janeiro, Brazil.

DISTRIBUTION: Atlantic coastal forest in Espírito Santo and Rio de Janeiro, southeastern Brazil.

COMMENT: New combination. In the *Oloolygon* (= *Scinax*) *rubra* group according to original description.

Scinax carnevallii (Caramaschi and Kisteumacher, 1989). Bol. Mus. Nac., Rio de Janeiro, 327:2.

ORIGINAL NAME: *Oloolygon carnevallii*.

TYPE(S): Holotype: MN 4182,

TYPE LOCALITY: Parque Florestal Estadual do Rio Doce (ca. 19°10'S, 42°01'W), Município de Marliéria, Estado de Minas Gerais, Brazil.

DISTRIBUTION: Type locality in the valley of the Rio Doce in southeastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *catharinae* group according to original description; not treated by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax catharinae (Boulenger, 1888)

Changed from: *Oloolygon catharinae*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:21.

COMMENT: Change to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15. For discussion see (as *Hyla catharinae*) B. Lutz, 1973, Brazil. Spec. *Hyla*:183, wherein many subspecies now are recognized as species.

Scinax chiquitana (De la Riva de la Viña, 1990). Rev. Española Herpetol., 4:82.

ORIGINAL NAME: *Oloolygon chiquitana*.

TYPE(S): Holotype: EBD 28828.

TYPE LOCALITY: Puerto Almacén, Río Negro, 70 km northwest of Concepción, Provincia Ñuflo de Chávez, Departamento de Santa Cruz, Bolivia (15°46'S, 62°15'W).

DISTRIBUTION: Known from the type locality in Amazonian Bolivia and also from Departamento Madre de Dios, Peru, according to Duellman and Salas, 1991, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 143:4.

COMMENT: In the *Oloolygon* (= *Scinax*) *rubra* group according to original description.

Scinax crospedospila (A. Lutz, 1925)

Changed from: *Ololygon crospedospila*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax x-signata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax cruentomma (Duellman, 1972)

Changed from: *Ololygon cruentomma*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax x-signata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax cuspidata (A. Lutz, 1925)

Changed from: *Ololygon cuspidata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax x-signata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax cynocephala (Duméril and Bibron, 1841)

Changed from: *Ololygon cynocephala*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: In first sentence change *Ololygon* to *Scinax*. Change second sentence to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax danae (Duellman, 1986). Copeia, 1986:864.

ORIGINAL NAME: *Ololygon danae*

TYPE(S): Holotype: KU 167073.

TYPE LOCALITY: Kilometer 127 on El Dorado-Santa Elena de Uaiarén road, 1250 m (05°57'N, 61°27'W), Estado de Bolívar, Venezuela.

DISTRIBUTION: Type locality on the north slope of the Sierra de Lema in southeastern Venezuela.

COMMENT: In the *Ololygon* (= *Scinax*) *staufferi* group.

Scinax duartei (B. Lutz, 1951)

Changed from: *Ololygon duartei*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change last sentence to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax ehrhardti (Müller, 1924)

Changed from: *Ololygon ehrhardti*

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change first sentence to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax elaeochroa (Cope, 1876)

Changed from: *Ololygon elaeochroa*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change last sentence to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax epacrorrhina

Changed from: *Ololygon epacrorrhina*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Scinax eurydice (Bokermann, 1968)

Changed from: *Oloolygon eurydice*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Scinax exigua (Duellman, 1986). Copeia, 1986:866.

ORIGINAL NAME: *Oloolygon exigua*.

TYPE(S): Holotype: KU 167094.

TYPE LOCALITY: Kilometer 144 on El Dorado-Santa Elena de Uairén road, 1210 m (05°53'N, 61°23'W), in the Gran Sabana, Estado de Bolívar, Venezuela.

DISTRIBUTION: Northern part of the Gran Sabana, Estado de Bolívar, Venezuela.

COMMENT: In the *Scinax staufferi* group.

Scinax flavoguttata (A. Lutz and B. Lutz, 1939)

Changed from: *Oloolygon flavoguttata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15.

Scinax funerea (Cope, 1974)

Changed from: *Oloolygon funerea*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax fuscomarginata (A. Lutz, 1925)

Changed from: *Oloolygon fuscomarginata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change last sentence to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax fuscovaria (A. Lutz, 1925)

Changed from: *Oloolygon fuscovaria*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change last sentence to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax garbei (Miranda-Ribeiro, 1926)

Changed from: *Oloolygon garbei*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

DISTRIBUTION: Change to read: Middle and upper Amazon Basin in Colombia, Ecuador, Peru, Bolivia, and Brazil.

Authority: De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:280.

COMMENT: Change last sentence to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax goinorum (Bokermann, 1962)

Changed from: *Oloolygon goinorum*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax hayii (Barbour, 1909)

Changed from: *Oloolygon hayii*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax heyeri (Peixoto and Weygoldt in Weygoldt, 1986). Zool. Jahrb., Abt. Syst., 113:432.

ORIGINAL NAME: *Oloolygon heyeri*.

TYPE(S): Syntypes: EI 7558 and MZUSP 61094; latter designated lectotype by Peixoto and Weygoldt, 1987, Senckenb. Biol., 68:3.

TYPE LOCALITY: Santa Teresa, 700 m, Espírito Santo, Brazil.

DISTRIBUTION: Vicinity of the type locality in the Atlantic coastal forest of eastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *catharinae* group. The formal description of the species was published by Peixoto and Weygoldt, 1987, Senckenb. Biol., 68:1–9.

Scinax hiemalis (Haddad and Pombal-Junior, 1987). Rev. Brasil. Biol., 47:127.

ORIGINAL NAME: *Hyla hiemalis*.

TYPE(S): Holotype: MZUSP 60555.

TYPE LOCALITY: Fazenda Santana, Sousas, Campinas, São Paulo, Brazil (22°50'S, 46°58'W; 600 m).

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: Related to *Hyla* (*Scinax*) *rizibilis* according to original description.

Scinax humilis (B. Lutz, 1954)

Changed from: *Oloolygon humilis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15.

Scinax jureia (Pombal and Gordo, 1991). Mem. Inst. Butantan, 53:138.

ORIGINAL NAME: *Hyla jureia*.

TYPE(S): Holotype: ZUEC 8875.

TYPE LOCALITY: Alto do Maciço da Estação Ecológica da Juréia-Itatins (24°30' S, 47°15' W; 300 m), Município de Iguape, Estado de São Paulo, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: In the *Hyla* (= *Scinax*) *rizibilis* group according to original description.

Scinax kautskyi (Carvalho e Silva and Peixoto, 1991). Rev. Brasil. Biol., 51:268.

ORIGINAL NAME: *Oloolygon kautskyi*.

TYPE(S): Holotype: SPCS 2012,

TYPE LOCALITY: Domingo Martins, Estado do Espírito Santo, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: New combination. In the *Oloolygon* (= *Scinax*) *catharinae* group according to original description.

Scinax kennedyi (Pyburn, 1973)

Changed from: *Oloolygon kennedyi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

COMMENT: Change to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax lindsayi Pyburn, 1992. Texas J. Sci., 44:405.

TYPE(S): Holotype: UTA A-4304.

TYPE LOCALITY: North side of Rio Vaupés, about 3 km NW of Yapíma (Colombia), Estado Amazonas, Brazil.

DISTRIBUTION: Known only from the type locality in the northwestern part of the Amazon Basin.

COMMENT: In the *Scinax x-signata* group according to original description.

Scinax littoralis (Pombal and Gordo, 1991). Mem. Inst. Butantan, 53:136.

ORIGINAL NAME: *Hyla littoralis*.

TYPE(S): Holotype: ZUEC 8892.

TYPE LOCALITY: Rio Verde, Estação Ecológica da Juréia-Itatins (24°30' S, 47°15' W; 300 m), Município de Iguape, São Paulo, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *catharinae* group according to original description.

Scinax littorea (Peixoto, 1988). Acta Biol. Leopoldensis 10:257.

ORIGINAL NAME: *Hyla littorea*.

TYPE(S): Holotype: EI 7562.

TYPE LOCALITY: Bambui, Município Maricá, Rio de Janeiro, Brazil.

DISTRIBUTION: Littoral region of Estado Rio de Janeiro, Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *perpusilla* group according to original description.

Scinax longilinea (B. Lutz, 1968)

Changed from: *Oloolygon longilinea*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:22.

Scinax luizotavioi (Caramaschi and Kisteumacher, 1989). Bol. Mus. Nac., Rio de Janeiro, 327:6.

ORIGINAL NAME: *Oloolygon luizotavioi*.

TYPE(S): Holotype: MN 4210.

TYPE LOCALITY: Parque Natural do Caraça (ca. 19°55' S, 43°23' W), Município de Santa Bárbara, Estado de Minas Gerais, Brazil.

DISTRIBUTION: Serrano do Espinhaço in southeastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *rizibilis* group according to original description; not treated by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax machadoi (Bokermann and Sazima, 1973)

Changed from: *Oloolygon machadoi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15.

Scinax maracaya (Cardoso and Sazima, 1980)

Changed from: *Oloolygon maracaya*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

TYPE LOCALITY: Change to read: “Fazenda Salto, Alpinópolis, Minas Gerais (Brasil, 20°40' S, 46°16' W; approx. 1000 m. alt.).”

COMMENT: Change to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax melloi (Peixoto, 1988). Arq. Univ. Fed. Rural Rio de Janeiro, Jan./Dec., 1988:28.

ORIGINAL NAME: *Oloolygon melloi*.

TYPE(S): Holotype: EI 7608.

TYPE LOCALITY: Teresópolis, Parque Nacional da Serra dos Orgãos, Rio de Janeiro, Brazil.

DISTRIBUTION: Known only from the Serra dos Orgãos in southeastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *perpusilla* group according to original description.

Scinax nasica (Cope, 1862)

Changed from: *Oloolygon nasica*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16. Synonymy includes *Hyla anisitsi* Méhely, 1994, according to Langone, 1991, Comun. Zool. Mus. Hist. Nat. Montevideo, 176:1–3.

Scinax nebulosa (Spix, 1824)

Changed from: *Oloolygon nebulosa*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

DISTRIBUTION: Add to end: Also reported from Bolivia by De la Riva, 1990, Bol. Mus. Reg. Sci. Nat. Torino, 8:281.

COMMENT: Change first sentence to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax obtriangulata (B. Lutz, 1973)

Changed from: *Oloolygon obtriangulata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change last sentence to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15.

Scinax opalina (B. Lutz, 1968).

Changed from: *Oloolygon opalina*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change last sentence to read: In the *Scinax catharinae* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:15.

Scinax pachychrus (Miranda-Ribeiro, 1937)

Changed from: *Oloolygon pachychrus*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Scinax pedromedinai (Henle, 1991). Salamandra, 27:76.

ORIGINAL NAME: *Oloolygon pedromedinae*.

TYPE(S): Holotype: ZFMK 39737

TYPE LOCALITY: Tres Chimbadas, Río Tambopata, Departamento Madre de Dios, Peru.

DISTRIBUTION: Río Madre de Dios drainage in southern Amazonian Peru.

COMMENT: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16. The specific name was incorrectly spelled *pedromedinae* in the original description.

Scinax perpusilla (A. Lutz and B. Lutz, 1939)

Changed from: *Oloolygon perpusilla*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

DISTRIBUTION: Change to read: Vicinity of city of Rio de Janeiro, southeastern Brazil.

COMMENT: Change to read: In the *Scinax perpusilla* group.

Authority: Peixoto, 1987, Arq. Univ. Fed. Rural Rio de Janeiro, Jan/Dec., 1987:37–49.

Scinax proboscidea (Brongersma, 1933)

Changed from: *Oloolygon proboscidea*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change first sentence to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax quinquefasciata (Fowler, 1913)

Changed from: *Oloolygon quinquefasciata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax ranki (Andrade and Cardoso, 1987). Rev. Brasil. Zool., 3:434.

ORIGINAL NAME: *Hyla ranki*.

TYPE(S): Holotype: MZUSP 59540.

TYPE LOCALITY: Morro do Ferro, Poços de Caldas, (21°52'S, 46°50'W, elev. 1400 m), Minas Gerais, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: In the *Oloolygon* (= *Scinax*) *rizibilis* group according to original description.

Scinax rizibilis (Bokermann, 1964)

Changed from: *Oloolygon rizibilis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Oloolygon* (= *Scinax*) *rizibilis* group according to Andrade and Cardoso, 1987, Rev. Brasil. Biol., 3:433-440.

Scinax rostrata (Peters, 1863)

Changed from: *Oloolygon rostrata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change last sentence to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax rubra (Laurenti, 1768)

Changed from: *Oloolygon rubra*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change last two sentences to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax similis (Cochran, 1952)

Changed from: *Oloolygon similis*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Scinax rubra* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax squalirostris (A. Lutz, 1925)

Changed from: *Oloolygon squalirostris*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax staufferi (Cope, 1865)

Changed from: *Oloolygon staufferi*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change last sentence to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax strigilata (Spix, 1824)

Changed from: *Oloolygon strigilata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax sugillata (Duellman, 1973)

Changed from: *Ololygon sugillata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: In the *Scinax rostrata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax trachythorax (Müller and Hellmich, 1936)

Changed from: *Ololygon trachythorax*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change to read: Not assigned to species group by Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:1–23.

Scinax trilineata Hoogmoed and Gorzula, 1979

Changed from: *Ololygon trilineata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

ORIGINAL NAME: *Ololygon trilineata*.

COMMENT: Change to read: In the *Scinax staufferi* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Scinax v-signata (B. Lutz, 1968). Pearce-Sellards Ser., Texas Mem. Mus., 12:7.

ORIGINAL NAME: *Hyla perpusilla v-signata*.

TYPE(S): Holotype: MN 3607.

TYPE LOCALITY: Teresópolis, Parque Nacional da Serra dos Orgãos, Rio de Janeiro, Brazil.

DISTRIBUTION: Forested slopes in Espírito Santo and northeastern Rio de Janeiro in southeastern Brazil.

COMMENT: Recognized as a distinct species and placed in the *Ololygon* (= *Scinax*) *perpusilla* group by Peixoto, 1987, Arq. Univ. Fed. Rural Rio de Janeiro, Jan./Dec. 1987:37–49.

Scinax vauterii Bibron in Bell, 1843, Zool. Voy. Beagle:45.

ORIGINAL NAME: *Hyla vauterii*.

TYPE(S): Holotype: BM 1947.2.23.45.

TYPE LOCALITY: “Maldonado. Rio de Janeiro.” Restricted to Maldonado, Uruguay, by Günther, 1859 “1858”, Cat. Batr. Sal. Coll. Brit. Mus.:105.

DISTRIBUTION: Northeastern Argentina, Uruguay, and Rio Grande do Sul, Brazil.

COMMENT: New combination. Resurrected from the synonymy of *Hyla pulchella* by Klappenbach and Langone, 1992, An. Mus. Nac. Hist. Nac. Montevideo, Ser. 2, 8:184–187, who recognized *Hyla strigilata eringiophila* Gallardo, 1961, as a junior synonym.

Scinax wandae (Pyburn and Fouquette, 1971)

Changed from: *Ololygon wandae*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

Scinax x-signata (Spix, 1824)

Changed from: *Ololygon x-signata*.

Authority: Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:23.

COMMENT: Change first sentence to read: In the *Scinax x-signata* group according to Duellman and Wiens, 1992, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 151:16.

Smilisca

TYPE SPECIES: Change to read: *Smilisca daulinia* Cope, 1865 (= *Hyla baudinii* Duméril and Bibron, 18410, by monotypy).

Sphaenorhynchus platycephalus (Werner, 1894). Zool. Anz., 17:156.

ORIGINAL NAME: *Hylopsis platycephala*.

TYPE(S): Holotype: IZUW 90.

TYPE LOCALITY: “S. Amerika.”

DISTRIBUTION: Unknown.

COMMENT: Transferred to *Sphaenorhynchus* by Harding, 1991, Zool. J. Linn. Soc., 103:413–418.

SUBFAMILY: Pelodryadinae Günther, 1859 “1858”.

Change to read: **SUBFAMILY: Pelodryadinae** Günther, 1858.

CITATION: Proc. Zool. Soc. London, 1858:346.

COMMENT: Change lines 5–7 to read: and placed it in a distinct family, the Pelodryadidae (also see Savage, 1986, Proc. Biol. Soc. Washington, 99:43). This arrangement was followed by Fouquette and Delahoussaye, 1977, J. Herpetol., 11:387–396, Goin, Goin, and Zug, 1978, Intr. Herpetol., Ed. 3:250, and Laurent, 1986, Traite Zool.:734–736. The Pelodryadidae was

Cyclorana maini

DISTRIBUTION: Change to read: Southern half of Northern Territory and northern South Australia through central Western Australia to the western coastal region, Australia.

Authority: M. J. Tyler (pers. comm.).

Litoria

COMMENT: Change last line to read: checklists provided by Tyler, 1989, Australian Frogs.

Litoria alboguttata

DISTRIBUTION: Change to read: Northern Territory, Queensland, and New South Wales, Australia.

Authority: M. J. Tyler (pers. comm.).

Litoria bicolor

COMMENT: Add as first sentence: In the *Litoria bicolor* group.

Litoria caerulea

Change to: *Pelodryas caerulea*.

COMMENT: Add to beginning: Transferred from *Litoria* to *Pelodryas* by Savage, 1986, Proc. Biol. Soc. Washington, 99:43. Delete: “In the *Litoria caerulea* group.” Change last line to read: *Pelodryas caerulea* ...

Litoria chloris

DISTRIBUTION: Change to read: Southern coastal Queensland and New South Wales in eastern Australia.

Litoria dahlia

Change to read: *Litoria dahlia* (Boulenger, 1896 “1895”).

Litoria electrica Ingram and Corben, 1990. Mem. Queensland Mus., 28:476.

TYPE(S): Holotype: QM 38963.

TYPE LOCALITY: 25.1 km east of Cloncurry on Julia Creek-Cloncurry road (20°43'S, 140°39'E), Queensland, Australia.

DISTRIBUTION: Semiarid northwest and west-central Queensland, northern Australia.

COMMENT: In the *Litoria rubella* group according to original description.

Litoria exophthalmia Tyler, Davies and Aplan, 1986. Trans. R. Soc. S. Aust., 110:63.

TYPE(S): Holotype: AM R114751.

TYPE LOCALITY: Haia village (06°42'S, 145°00'E), South Simbu Province, Papua New Guinea.

DISTRIBUTION: Southern slopes (730–850 m) of the mountains of eastern New Guinea.

COMMENT: In the *Litoria exophthalmia* group according to original description.

Litoria genimaculata

COMMENT: Change last line to read: representing this species, but Tyler and Watson, 1986, Trans. R. Soc. S. Aust., 109:193–194, noted that this was an unjustified nomenclatural change and that the species does not occur in Australia.

Litoria jeudii

TYPE LOCALITY: Change to read: German New Guinea (= northern part of Papua New Guinea).

Litoria maculata

Delete. Junior primary homonym of *Hyla maculata* Gray, 1830. *Litoria spenceri* Dubois, 1984, is replacement name.

Authority: Dubois, 1984, Alytes, 3:34.

Litoria microbelos

COMMENT: Change last line to read: ... Aust., 96:161 and Tyler, Smith, and Johnston, 1984, Frogs W. Aust.:70, who considered *Litoria microbelos* as a distinct species.

Litoria nigrofrenata

COMMENT: Change first sentence to read: For discussion see Tyler and Parker, 1972, Trans. R. Soc. S. Aust., 96:161.

Litoria pearsoniana

COMMENT: Change lines 8 and 9 to read: Symp.:172 (chromosomal differences).

Litoria personata

Change authorship to read: Tyler, Davies, and Martinß

Litoria piperata Tyler and Davies, 1985. Copeia, 1985:145.

TYPE(S): Holotype: AM R37608

TYPE LOCALITY: Back Creek (29°50'S, 152°08'E), on Oakwood Fire Trail, approx. 38 km SE Glen Innes, New South Wales, Australia.

DISTRIBUTION: New England Tableland, New South Wales, Australia.

COMMENT: In the *Litoria citropa* group.

Litoria rubella

TYPE(S): Add to end: BM 1947.2.24.9 designated lectotype by Ingram and Corben, 1990, Mem. Queensland Mus., 28:475.

Litoria spenceri Dubois, 1984. Alytes, 3:83.

TYPE(S): Holotype: NMM D8498.

TYPE LOCALITY: Poowong, Victoria, Australia.

DISTRIBUTION: Eastern New South Wales and Victoria, Australia.

COMMENT: *Litoria spenceri* Dubois, 1984, is a replacement name for *Hyla maculata* Spencer, 1901, Proc. R. Soc. New South Wales, (2)13:177, a junior primary homonym of *Hyla maculata* Gray, 1830.

Litoria splendida

Change to: *Pelodryas splendida*.

ORIGINAL NAME: *Litoria splendida*.

DISTRIBUTION: Change to read: Kimberley Division of Western Australia and adjacent Northern Territory.

COMMENT: Change to read: Transferred from *Litoria* to *Pelodryas* by Savage, 1986, Proc. Biol. Soc. Washington, 9943.

Litoria xanthomera Davies, McDonald and Adams, 1986. Proc. R. Soc. Victoria, 98:66.

TYPE(S): Holotype: QM 42011.

TYPE LOCALITY: Henrietta Creek, Palmerston National Park (17°37'S, 145°40'E), Queensland, Australia.

DISTRIBUTION: Coastal rainforest from Home Rule to Mt. Halifax, Queensland, Australia.

COMMENT: In the *Litoria aruensis* group.

Nyctimystes

TYPE SPECIES: Change to read: *Nyctimantis papua* Boulenger, 1897, by monotypy.

COMMENT: Add to beginning: The gender is masculine.

Nyctimystes dayi

DISTRIBUTION: Rainforests of northeastern Queensland, Australia.

COMMENT: Change to read: All nominal species of *Nyctimystes* in Australia [*Nyctimystes hosmeri* Tyler, 1964; *Nyctimystes tympanocryptis* (Andersson, 1916); and *Nyctimystes vestigia* Tyler, 1964] were regarded as representatives of *Nyctimystes dayi* by Czechura, Ingram, and Liem, 1987, Rec. Aust. Mus., 39:333–338.

Nyctimystes disrupta

Change to: *Nyctimystes disruptus*.

Nyctimystes hosmeri

Delete. Synonym of *Nyctimystes dayi*.

Authority: Czechura, Ingram, and Liem, 1987, Rec. Aust. Mus., 39:333–338.

Nyctimystes montana

Change to: *Nyctimystes montanus*.

Nyctimystes narinosa

Change to: *Nyctimystes narinusus*.

Nyctimystes obsoleta

Change to: *Nyctimystes obsoletus*.

Nyctimystes pulchra

Change to: *Nyctimystes pulcher*.

Nyctimystes semipalmata

Change to: *Nyctimystes semipalmatus*.

Nyctimystes tympanocryptis

Delete. Synonym of *Nyctimystes dayi*.

Authority: Czechura, Ingram, and Liem, 1987, Rec. Aust. Mus., 39:333–338.

Nyctimystes vestigia

Delete. Synonym of *Nyctimystes dayi*.

Authority: Czechura, Ingram, and Liem, 1987, Rec. Aust. Mus., 39:333–338.

Pelodryas Günther, 1858, Proc. Zool. Soc. London, 1858:346.

TYPE SPECIES: *Rana caerulea* White, 1790, by monotypy.

DISTRIBUTION: Northern and eastern Australia, New Guinea, islands in Torres Straits; New Zealand (introduced).

COMMENT: *Pelodryas* was recognized as generically distinct from *Litoria* by Savage, 1986, Proc. Biol. Soc. Washington, 99:43, on the basis of characters presented by Tyler and Davies, 1978, Aust. J. Zool., Supple., 63:1–47.

Pelodryas caerulea (White, 1790).

Changed from: *Litoria caerulea*.

COMMENT: Add to beginning: Transferred from *Litoria* to *Pelodryas* by Savage, 1986, Proc. Biol. Soc. Washington, 99:43. Delete: "In the *Litoria caerulea* group. Change last line to read: *Pelodryas caerulea* ...

Pelodryas splendida (Tyler, Davies, and Martin, 1977).

Changed from: *Litoria splendida*.

ORIGINAL NAME: *Litoria splendida*.

COMMENT: Change to read: Transferred from *Litoria* to *Pelodryas* by Savage, 1986, Proc. Biol. Soc. Washington, 99:43.

SUBFAMILY: Phyllomedusinae Günther, 1859 "1858".

Change to read: **SUBFAMILY: Phyllomedusinae** Günther, 1858.

CITATION: Change to read: Proc. Zool. Soc. London, 1858:346.

Agalychnis

TYPE SPECIES: Change to read: *Hyla callidryas* Cope, 182, by monotypy (see comment).

Agalychnis craspedopus

DISTRIBUTION: Change to read: Amazonian lowlands in Ecuador and Peru.

Authority: Hoogmoed and Cadle, 1991, Zool. Meded., Leiden, 65:129–142.

Hylomantis Peters, 1872. Monatsber. Preuss. Akad. Wiss. Berlin, 1872:772.

TYPE SPECIES: *Hylomantis aspera* Peters, 1872, by monotypy.

DISTRIBUTION: Atlantic coastal forest from Pernambuco to Bahia, Brazil.

COMMENT: The generic name was resurrected for two species by Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Hylomantis aspera Peters, 1872.

Changed from: *Phyllomedusa aspera*.

ORIGINAL NAME: Delete.

DISTRIBUTION: Change to read: Definitely known only from Itabuna, Bahia, eastern Brazil.

COMMENT: Recognized as generically distinct from *Phyllomedusa* by Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Hylomantis granulosa (Cruz, 1988). Arq. Univ. Fed. Rural Rio de Janeiro, 11:41.

ORIGINAL NAME: *Phyllomedusa granulosa*.

TYPE(S): Holotype: EI 7360.

TYPE LOCALITY: Horto Zoobotânico Dois Irmãos, Recife, Estado de Pernambuco, Brazil.

DISTRIBUTION: Known only from the type locality in northeastern Brazil.

COMMENT: Transferred to *Hylomantis* by Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phasmahyla Cruz, 1990. Rev. Brasil. Biol., 50:721.

TYPE SPECIES: *Phyllomedusa guttata* A. Lutz, 1924, by original designation.

DISTRIBUTION: Southeastern Brazil from eastern Minas Gerais and central Espírito Santo to eastern Paraná.

COMMENT: *Phasmahyla* was erected for the species of phyllomedusines having neustonic tadpoles.

Phasmahyla cochranæ (Bokermann, 1966).

Changed from: *Phyllomedusa cochranæ*.

ORIGINAL NAME: *Phyllomedusa cochranæ*.

COMMENT: Delete.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phasmahyla exilis (Cruz, 1980).

Changed from: *Phyllomedusa exilis*.

ORIGINAL NAME: *Phyllomedusa exilis*.

COMMENT: Delete.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phasmahyla guttata (A. Lutz, 1925 “1924”).

Changed from: *Phyllomedusa guttata*.

ORIGINAL NAME: *Phyllomedusa guttata*.

COMMENT: Delete.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phasmahyla jandaia (Bokermann and Sazima, 1978).

Changed from: *Phyllomedusa jandaia*.

ORIGINAL NAME: *Phyllomedusa jandaia*.

COMMENT: Delete.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phrynomedusa Miranda-Ribeiro, 1923. Bol. Mus. Nac., Rio de Janeiro, 1:3.

TYPE SPECIES: *Phrynomedusa fimbriata* Miranda-Ribeiro, 1923, by subsequent designation by Miranda-Ribeiro, 1926, Arch. Mus. Nac., Rio de Janeiro, 27:105.

DISTRIBUTION: Southeastern Brazil from Espírito Santo to Santa Catarina.

COMMENT: Recognized as distinct from *Phyllomedusa* by Cruz, 1990, Rev. Brasil Biol., 50:709–726.

Phrynomedusa appendiculata (A. Lutz, 1925). C. R. Séances Soc. Biol. Paris, 93:139.

ORIGINAL NAME: *Phyllomedusa appendiculata*.

TYPE(S): Holotype: AL-MN 770.

TYPE LOCALITY: São Bento do Sul, Santa Catarina, Brazil, as restricted by Bokermann, 1966, Lista Anot. Loc. Tipo Anf. Brasil:82.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: Resurrected from the synonymy of *Phyllomedusa fimbriata* by Cruz, 1985, Arq. Univ. Fed. Rural Rio de Janeiro, 8:94, and transferred to *Phrynomedusa* by Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phrynomedusa fimbriata Miranda-Ribeiro, 1923.

ORIGINAL NAME: Delete.

Changed from: *Phyllomedusa fimbriata*

COMMENT: Change to read: Removed from *Phyllomedusa* by Cruz, 1990, Rev. Brasil. Biol., 50:707–726.

Phrynomedusa marginata (Izecksohn and Cruz, 1976).

Changed from: *Phyllomedusa marginata*.

ORIGINAL NAME: *Phyllomedusa marginata*.

COMMENT: Change to read: Transferred from *Phyllomedusa* by Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa

TYPE SPECIES: Change to read: *Rana bicolor* Boddaert, 1792, by monotypy.

COMMENT: Add to beginning: Cruz, 1990, Rev. Brasil. Biol., 50:709–726, placed nine species formerly recognized in *Phyllomedusa* into three other genera—*Hylomantis*, *Phrynomedusa*, and *Phasmahyla*.

Phyllomedusa aspera

Change to: *Hylomantis aspera*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa atelopoides Duellman, Cadle, and Cannatella, 1988. Herpetologica, 44:91.

TYPE(S): Holotype: KU 204764.

TYPE LOCALITY: Reserva Cuzco Amazónico (12°33'S, 69°03'W; 200 m), on the Río Madre de Dios, about 15 km E of Puerto Maldonado, Departamento Madre de Dios, Peru.

DISTRIBUTION: Amazon Basin in southern Peru.

Phyllomedusa bahiana

Delete. Subspecies of *Phyllomedusa burmeisteri*.

Authority: Pombal and Haddad, 1992, Rev. Brasil. Biol., 52:217–229.

Phyllomedusa burmeisteri

DISTRIBUTION: Change to read: Eastern Brazil from Bahia to São Paulo.

COMMENT: Change to read: In the *Phyllomedusa burmeisteri* group. *Phyllomedusa bahiana* (A. Lutz, 1925) considered to be a subspecies by Pombal and Haddad, 1992, Rev. Brasil. Biol., 52:217–229.

Phyllomedusa cochranae

Change to: *Phasmahyla cochranae*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa danieli Ruíz-Carranza, Hernández-Camacho, and Rueda Almonacid, 1988. Trianea, 2:374.

TYPE(S): Holotype: ICN 16005.

TYPE LOCALITY: “Km 18 carretera entre la cabecera del corregimiento de Nutibara y Murri (= La Blanquita), Municipio de Frontino, vertiente occidental de la Cordillera Occidental, Departamento Antioquia, Colombia,” 1640 m.

DISTRIBUTION: Known only from the type locality on the western slope of the Cordillera Occidental in northwestern Colombia.

Phyllomedusa exilis

Change to: *Phasmahyla exilis*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa fimbriata

Change to: *Phrynomedusa fimbriata*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa guttata

Change to: *Phasmahyla guttata*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa jandaia

Change to: *Phasmahyla jandaia*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa marginata

Change to: *Phrynomedusa marginata*.

Authority: Cruz, 1990, Rev. Brasil. Biol., 50:709–726.

Phyllomedusa medinae

Change to: *Phyllomedusa medinai*.

TYPE(S): Holotype: Change to read: EBRG 37.

COMMENT: Add to end: The feminine ending *-ae* used originally is incorrect, because the specific name is a patronym for the collector, Gonzalo Medina Padilla.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:71.

Phyllomedusa tetraploidea Pombal and Haddad, 1992. Rev. Brasil. Biol., 52:219.

TYPE(S): Holotype: ZUEC 7589.

TYPE LOCALITY: Holambra II (ca. 23°23'S, 48°44'W), Município de Paranapanema, Estado de São Paulo, Brazil.

DISTRIBUTION: Interior of southern São Paulo and northern Paraná in southeastern Brazil.

COMMENT: A tetraploid species in the *Phyllomedusa burmeisteri* group according to original description.

FAMILY: Hyperoliidae Laurent, 1943.

COMMENT: Change to read: As first formed, the group name was Hyperoliinae. Laurent, 1951, Rev. Bot. Afr. 45:116, was the first to consider this group as a distinct family, including the Arthroleptinae and Astylosterninae in the Hyperoliidae, an arrangement considered to be monophyletic. This classification was continued by Laurent, 1986, Traite Zool.:771–773. See comment under Arthroleptidae. Liem, 1970, Fieldiana: Zool., 57:1–145, suggested that the Hyperoliidae was derived from an ancestor in the Astylosterninae but retained that group (as well as the Arthroleptinae) in the Ranidae. Drewes, 1984, Occas. Pap. Calif. Acad. Sci., 139:1–70, found the hyperoliids to be monophyletic but could not support a phylogenetic relationship with the astylosternines or arthroleptines. Until the revision by Liem the Hyperoliidae was included by most authors as a subfamily of the Rhacophoridae. For synonymies and reviews of most of the species in this family see Schiøtz, 1967, Spolia Zool. Mus. Haun., 25:1–346 (for West Africa), and Schiøtz, 1975, Treefrogs E. Afr.:1–232. Dubois, 1981, Monit. Zool. Ital., N.S., Suppl., 15:225–284, provided a subfamilial classification of the hyperoliids. Drewes, 1984, Occas. Pap. California Acad. Sci., 139:1–70, did not agree with that subfamilial classification on phylogenetic grounds, but the classification was supported by Laurent, 1987 “1986”, Alytes, 5:1–6, who considered Drewes’ synapomorphies to be misleading and provided a cladogram suggesting *Afrixalus* to be a sister group of Drewes’ kassinoid genera. Lambiris, 1988, Lammergeyer, 39:129, included *Afrixalus* in the Hyperoliinae on the basis of vocal apparatus, webbed fingers, and tadpole morphology. A cladistic reanalysis by Channing, 1989, S. Afr. J. Zool., 24:116–131, placed *Afrixalus* and *Kassinula* in the Hyperoliinae (not the Kassininae); Channing proposed a new subfamily, Tachycneminae, to include *Tachycnemis*. Drewes, 1984, Occas. Pap. California Acad. Sci., 139:1–70, considered *Nesionixalus* (formerly in the Leptopelinae) to be a synonym of *Hyperolius* (Hyperoliinae). Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 11:35–48, recognized *Nesionixalus* and three new genera (*Alexteroon*, *Arlequinus*, and *Chlorolius*) in the Hyperoliinae. The classification of Channing, 1989, S. Afr. J. Zool., 24:116–131, (as modified by Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 11:35–48) is followed here.

SUBFAMILY: Hyperoliinae Laurent, 1943.

COMMENT: The generic content of this subfamily is the result of a cladistic analysis by Channing, 1989, S. Afr. J. Zool., 24:116–131, and the fragmentation of *Hyperolius* by Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 11:35–48.

Acanthixalus

Transferred to Hyperoliinae from Leptopelinae.

Authority: Channing, 1989, S. Afr. J. Zool., 24:116–131.

Acanthixalus spinosus

DISTRIBUTION: Change to read: Rainforests from southern Nigeria to northeastern Zaire, and from Cameroon south to extreme western Zaire.

Authority: Largen and Dowsett-Lemaire, 1991, *Tauraco Res. Rept.*, 4:154.

Afrixalus

Transferred to Hyperoliinae from Kassiniinae.

Authority: Channing, 1989, *S. Afr. J. Zool.*, 24:116–131.

Change to read: *Afrixalus* Laurent, 1944, *Rev. Zool. Bot. Afr.*, 38:111.

TYPE SPECIES: Change to read: *Euchnemis fornasini* Bianconi, 1849, by original designation.

Afrixalus aureus Pickersgill, 1984. *Durban Mus. Novit.*, 13:206.

TYPE(S): Holotype: BM 1983.1151.

TYPE LOCALITY: Mhlatuze River valley, 6 km north of Eshowe on the Melmoth road, Natal Province, South Africa.

DISTRIBUTION: Southeastern Africa from southern Mozambique and eastern Transvaal through Swaziland to the Mhlatuze Valley in Natal.

COMMENT: Considered to be doubtfully distinct from *Afrixalus delicatus* by Lambiris, 1988, *Lammergeyer*, 39:130, 132.

Afrixalus brachycnemis

TYPE(S): Change to read: Syntypes: BM 1947.2.9.77–79.

DISTRIBUTION: Change to read: Southeastern Kenya to Malawi.

COMMENT: Change to read: Reviewed by Poynton and Broadley, 1987, *An. Natal Mus.*, 28:187, who considered *Afrixalus p. pygmaeus* of Schiøtz to be *Afrixalus brachycnemis* (Boulenger) and *Afrixalus brachycnemis* of Schiøtz to be insufficiently known to have one or more names attached. The replacement name *Afrixalus septentrionalis* Schiøtz, given by Dubois, 1985, *Alytes* 4:97, to *Afrixalus pygmaeus* Schiøtz (not Boulenger) consequently was placed in the synonymy of *Afrixalus brachycnemis* (Boulenger) by Poynton, 1991, *Bull. Mus. Comp. Zool.*, 152:465; this includes *Afrixalus septentrionalis morerei* Dubois, 1985, *Alytes*, 4:98, which was based on *Afrixalus pygmaeus septentrionalis* Schiøtz, 1974, *Vidensk. Medd. Sansk Naturhist. Foren.*, 137:15.

Afrixalus clarkei

DISTRIBUTION: Change to read: Known only from elevations of 820–1800 m in tropical deciduous forest in southwestern Ethiopia.

Afrixalus crotalus Pickersgill, 1984. *Durban Mus. Novit.*, 13:209.

TYPE(S): Holotype: UM 16815.

TYPE LOCALITY: Ngorima Reserve, Chimananimani District, Zimbabwe.

DISTRIBUTION: Eastern Zimbabwe and southern Malawi eastward through central Mozambique.

Afrixalus delicatus Pickersgill, 1984. *Durban Mus. Novit.*, 13:211.

TYPE(S): Holotype: BM 1983.1150.

TYPE LOCALITY: St Lucia village, Natal Province, South Africa.

DISTRIBUTION: Swaziland and Mozambique southward at elevations below 200 m to Avoca and Mount Edgecombe in Natal, South Africa.

COMMENT: Considered to be doubtfully distinct from *Afrixalus aureus* by Lambiris, 1988, *Lammergeyer*, 39:130, 133.

Afrixalus enseticola

DISTRIBUTION: Change to read: Known only from elevations of 1800–2750 m in the highlands of Ethiopia.

Afrixalus fornasinii

Change to read: *Afrixalus fornasini*.

Authority: Bianconi, 1949, *Nuovi Ann. Sic. Nat.*, Bologna, (2)10:107.

Afrixalus knysnae (Loveridge, 1954). *Ann. Natal Mus.*, 13:95.

ORIGINAL NAME: *Hyperolius knysnae*.

TYPE(S): Holotype: MCZ 10884.

TYPE LOCALITY: Knysna, Cape Province, Rep. South Africa.

DISTRIBUTION: Natal midlands to southeastern Cape Province, Rep. South Africa.

COMMENT: Transferred to *Afrixalus* by Poynton, 1964, *Ann. Natal Mus.*, 17:181, as a subspecies of *Afrixalus brachynemesis* (Boulenger); treated as a distinct species *Afrixalus* by Pickersgill, 1984, *Durban Mus. Novit.*, 8:206, and by Lambiris, 1988, *Lammergeyer*, 39:130.

Afrixalus pygmaeus (Ahl, 1931)

Delete: Homonym of *Hyperolius pygmaeus* Meyer, 1874; available name is *Afrixalus septentrionalis* Schiøtz, 1974.

Authority: Dubois, 1986 "1985", *Alytes* 4:97–100.

Afrixalus spinifrons

COMMENT: Change to read: Not conspecific with ... Add to end: See comment under *Afrixalus brachynemesis*.

Alexteroon Perret, 1988. *Bull. Soc. Neuchâtel Sci. Nat.*, 111:39.

TYPE SPECIES: *Hyperolius obstetricans* Ahl, 1931, by original designation.

DISTRIBUTION: As for the single species.

COMMENT: *Alexteroon* differs from *Hyperolius* principally in larval morphology.

Alexteroon obstetricans (Ahl, 1931).

Changed from: *Hyperolius obstetricans*.

ORIGINAL NAME: *Hyperolius obstetricans*.

Authority: Perret, 1988, *Bull. Soc. Neuchâtel Sci. Nat.*, 111:39.

Arlequinus Perret, 1988. *Bull. Soc. Neuchâtel Sci. Nat.*, 111:43.

TYPE SPECIES: *Hyperolius krebsi* Mertens, 1938, by original designation.

DISTRIBUTION: As for the single species.

Arlequinus krebsi (Mertens, 1938).

Changed from: *Hyperolius krebsi*.

ORIGINAL NAME: *Hyperolius krebsi*.

Authority: Perret, 1988, *Bull. Soc. Neuchâtel Sci. Nat.*, 111:43.

Chlorolius Perret, 1988. *Bull. Soc. Neuchâtel Sci. Nat.*, 111:46.

TYPE SPECIES: *Hyperolius koehleri* Mertens, 1940, by original designation.

DISTRIBUTION: As for the single species.

Chlorolius koehleri (Mertens, 1940).

Changed from: *Hyperolius koehleri*.

ORIGINAL NAME: *Hyperolius koehleri*.

Authority: Perret, 1988, *Bull. Soc. Neuchâtel Sci. Nat.*, 111:46.

Chrysobatrachus

TYPE SPECIES: Change to read: *Chrysobatrachus cupreonitens* Laurent, 1951, by monotypy.

Heterixalus

COMMENT: Add to end: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar: 111–126.

Heterixalus andrakata Glaw and Vences, 1991. Acta Biol. Benrodis, 3:198.

TYPE(S): Holotype: ZFMK 52556.

TYPE LOCALITY: Andrakata, on road between Sambavu and Andapa, Madagascar.

DISTRIBUTION: Vicinity of the type locality in northeastern Madagascar.

Heterixalus betsileo

DISTRIBUTION: Change to read: Northern, central, and eastern Madagascar.

COMMENT: *Hyperolius friedrichsi* Ahl, 1930, Zool. Anz., 90:67, possibly is a junior synonym according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:126.

Heterixalus boettgeri

DISTRIBUTION: Change to read: Extreme southeastern Madagascar.

COMMENT: Synonymy includes *Megalixalus mocquardi* Boettger, 1913, in Voeltzkow, Reise Ost-Afr., 3:280, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:117.

Heterixalus mocquardi

Delete. Synonym of *Heterixalus boettgeri* (Mocquard, 1902).

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:117.

Heterixalus nossibeensis

Delete. Synonym of *Hyperolius marmoratus*.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

Heterixalus tricolor

DISTRIBUTION: Change to read: Nosy Bé I; northern and eastern Madagascar.

COMMENT: *Megalixalus variabilis* Ahl, 1930, Mitt. Zool. Mus. Berlin, 16:526, may be a junior synonym according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:126.

Hyperolius

COMMENT: Add to beginning: *Hyperolius* is a replacement name for *Eucnemis* Tschudi, 1838.

Delete last two sentences.

Hyperolius argus

COMMENT: See Poynton, 1985, S. Afr. J. Zool., 21:149–152, for review of taxonomy, nomenclature, and evidence for intergradation with *Hyperolius semidiscus*.

Hyperolius benguellensis

DISTRIBUTION: Disjunct, mainly upland occurrence in Uganda, Zaire, Malawi, Zambia, Zimbabwe, Botswana, Namibia, and Angola.

COMMENT: Change last two sentences to read: Complexities regarding the distinction of this species from *Hyperolius nasutus* Günther were discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:208–211.

Hyperolius brachiofasciatus

TYPE LOCALITY: Change to read: “Ngoto, Lobajegebiet, Westafrika” [Central African Republic].

DISTRIBUTION: Change to read: Central African Republic and western Zaire.

Authority: Joger, 1990, Vert. Tropics:85–102.

Hyperolius chrysogaster

COMMENT: See comment under *Hyperolius leucotaenius*.

Hyperolius destefanii

Citation: Change to read: ... 7(Zool.):321.

TYPE LOCALITY: Change to read: Nargi (04°48'N, 36°08'E), Ethiopia.

Hyperolius kivuensis

DISTRIBUTION: Change to read: Southern Uganda and southern Zambia.

COMMENT: Change second sentence to read: Similar species discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:196.

Hyperolius koehleri

Change to: *Chlorolius koehleri* (Mertens, 1940).

Authority: Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 111:46.

Hyperolius krebsi

Change to: *Arlequinus krebsi* (Mertens, 1938).

Authority: Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 111:43.

Hyperolius marginatus

Delete. Subspecies of *Hyperolius marmoratus*.

Authority: Poynton and Broadley, 1987, Ann. Natal Mus., 28:217, 219.

Hyperolius marmoratus

DISTRIBUTION: Change line 2 to read: Tanzania in East Africa.

COMMENT: Change line 14 to read: ... discussion. Poynton, 1985, S. Afr. J. Sci., 81:179–181, regarded all southern ... Add to end: Poynton and Broadley, 1987, Ann. Natal Mus., 28:212–227, and Poynton, 1991, Bull. Mus. Comp. Zool., 152:467, 469, discussed southeastern and central African subspecies of *Hyperolius marmoratus*. *Hyperolius nossibeensis* Ahl, 1930, was considered to be a synonym of *Hyperolius marmoratus* by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

Hyperolius mitchelli

DISTRIBUTION: Change to read: Northeastern Tanzania to Mozambique.

Authority: Poynton and Broadley, 1987, Ann. Natal Mus., 28:204.

Hyperolius mollerii

Change to: *Nesionixalus mollerii*

Authority: Loumont, 1992 Alytes, 10:51–55.

Hyperolius nasutus

Change to read: *Hyperolius nasutus* Günther, 1865 “1864.”

DISTRIBUTION: Change to read: Savannas of Ivory Coast east to Ethiopia and southern Somalia, thence to Zimbabwe, Natal (Rep. South Africa), Botswana, and northern Namibia.

COMMENT: Add to end: Apparent tendency to hybridize with *Hyperolius benguellensis* discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:207.

Hyperolius obstetricans.

Change to: *Alexteroon obstetricans* (Ahl, 1931).

Authority: Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 111:39.

Hyperolius ocellatus

TYPE LOCALITY: Change to read: “Fernando Po” and “Angola”; restricted to Fernando Po bu Perret, 1975, Ann. Fac. Sci. Yaoundé, 20:24.

DISTRIBUTION: Change to read: Forests of southeastern Nigeria southward to the Congo and Angola, and eastward to Uganda.

Authority: Largen and Dowsett-Lemaire, Tauraco Res. Rept., 4:157.

Hyperolius parkeri

COMMENT: Change line 1 to read: ... E. Afr.:172, suggested...

Hyperolius pickersgilli

Change to read: *Hyperolius pickersgilli* Raw, 1982, Durban Mus. Novit., 13:118.

TYPE LOCALITY: Change to read: "Avoca, north of Durban, Natal, South Africa."

Hyperolius platyceps

COMMENT: Change first sentence to read: Perhaps composed of several cryptic species;

Hyperolius platyceps major Laurent, 1957, possibly is such a case according to Poynton and Broadley, 1987, Ann. Natal Mus., 28:195.

Hyperolius puncticulatus

COMMENT: Change last sentence to read: Complexities regarding the identity of *Hyperolius puncticulatus* were discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:201–202.

Hyperolius quinquevittatus

COMMENT: Add to end: The relationships and distribution were discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:197–199.

Hyperolius reesi Schiøtz, 1982. Steenstrupia, 8(12):272.

ORIGINAL NAME: *Hyperolius viridiflavus reesi*.

TYPE(S): Holotype: ZMUC R77205.

TYPE LOCALITY: Magombero Forest, Tanzania.

DISTRIBUTION: Southeastern Tanzania.

COMMENT: First reported as *Hyperolius* sp. by Poynton, 1977, Ann. Natal Mus., 23:39; elevated to species status by Poynton, 1991, Bull. Mus. Comp. Zool., 152:467, 469.

Hyperolius salinae

Delete: Synonym of *Hyperolius tuberilinguis*.

Authority: Poynton and Broadley, 1987, Ann. Natal Mus., 28:194.

Hyperolius semidiscus

COMMENT: See comment under *Hyperolius argus*.

Hyperolius thomensis

Change to: *Nexionixalus thomensis* (Bocage, 1886).

Authority: Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 111:35-38.

Hyperolius tuberilinguis

COMMENT: Delete second sentence.

Hyperolius viridiflavus

COMMENT: Change last line to read: *destefanii*, *Hyperolius marmoratus*, and *Hyperolius sheldricki*.

Hyperolius zavattarii

TYPE(S): Change to read: Holotype: MSNM.

Nesionixalus Perret, 1976. Arq. Mus. Bocage, (2)6:29.

TYPE SPECIES: *Hyperolius thomensis* Bocage, 1886, by original designation.

DISTRIBUTION: São Thomé Island, Gulf of Guinea.

COMMENT: *Nesionixalus* was synonymized with *Hyperolius* by Drewes (1984, Occas. Pap. Cali-

forma Acad. Sci., 139:1-70); the genus was resurrected by Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 111:35-38, and recognized by Loumont, 1992 Alytes, 10:51-55.

*Nesionixalus moller*i (Bedriaga, 1892)

Changed from: *Hyperolius moller*i.

COMMENT: Reviewed by Loumont, 1992 Alytes, 10:51-55.

Nesionixalus thomensis (Bocage, 1886).

Changed from: *Hyperolius thomensis*.

ORIGINAL NAME: *Hyperolius thomensis*.

COMMENT: Change to read: Reviewed by Loumont, 1992 Alytes, 10:51-55.

Authority: Perret, 1988, Bull. Soc. Neuchâtel Sci. Nat., 111:35-38.

*Opisthothy*lax

Transferred from Hyperoliinae to Kassiniinae.

Authority: Channing, 1989, S. Afr. J. Zool., 24:116-131.

*Tachycinem*is

Transferred from Hyperoliinae to Tachycineminae.

Authority: Channing, 1989, S. Afr. J. Zool., 24:127.

SUBFAMILY: Kassiniinae Laurent, 1972.

COMMENT: Add after first sentence: Cladistic analysis by Channing, 1989, S. Afr. J. Zool., 24:116-131, resulted in transfer of *Afrixalus* and *Kassinula* from Kassiniinae to Hyperoliinae and *Opisthothy*lax transferred from Hyperoliinae to Kassiniinae.

Afrixalus

Transferred from Kassiniinae to Hyperoliinae.

Authority: Channing, 1989, S. Afr. J. Zool., 24:116-131.

Kassina

COMMENT: Change line 2 to read: ... Nomencl., 25:20-21, and over *Eremiophilus* Fitzinger, 1843, by Comm. Zool. Nomencl., 1985, Opin. 1364, Bull. Zool. Nomencl., 42:355-356. *Kassina* is No. 1790 on the Official List of Generic Names in Zoology. Add to end: Dubois, 1987 "1986", Alytes, 5:37-38, considered *Semnodactylus* Hoffman, 1939, and *Kassinula* Laurent, 1940, to be junior synonyms of *Kassina*, and he regarded *Paracassina* Peracca, 1907, and *Phlyctimantis* Laurent and Combaz, 1950, to be subgenera of *Kassina*.

Kassina arboricola Perret, 1985. S. Afr. J. Sci., 81:196.

TYPE(S): Holotype: MHNG 2130.98.

TYPE LOCALITY: Banco Forest, Languedou, Ivory Coast.

DISTRIBUTION: Forests of Ghana and Ivory Coast.

*Kassina parker*i

Citation: Change to read: ... Milano, 71:264.

Kassina senegalensis

DISTRIBUTION: Change to read: Savannas from Senegal to Ethiopia and southern Somalia, thence south to Namibia and the eastern Cape Province, Rep. South Africa.

COMMENT: Change last sentence to read: The *Kassina senegalensis* complex was discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:181-183.

Kassina somalica Scortecci, 1932. Atti Soc. Ital. Sci. Nat. Mus. Civ. Stor. Nat. Milano, 71:265.

TYPE(S): MSNM (?).

TYPE LOCALITY: “Villagio Duca degli Abruzzi” (= Giohar), Somalia.
DISTRIBUTION: Somalia, coastal Kenya, and northern Tanzania.
COMMENT: Considered to be specifically distinct from *Kassina senegalensis* by Lanza, 1981, Monit. Zool. Ital., N.S., Suppl., 15:175.

Kassina wealii

Change to: *Semnodactylus wealii* (Boulenger, 1882).
Authority: Dubois, 1987 “1986”, Alytes, 5:35.

Kassinula

Transferred from Kassinae to Hyperoliinae.
Authority: Channing, 1989, S. Afr. J. Zool., 24:116–131.
TYPE SPECIES: Change to read: *Kassinula wittei* Laurent, 1940, by monotypy.
COMMENT: Change second sentence to read: Dubois, 1987 “1986”, Alytes, 5:38, considered *Kassinula* to be a strict synonym of *Kassina*; the genus was retained by Poynton and Broadley, 1987, Ann. Natal Mus., 28:184.

Opisthothylax

Transferred to Kassinae from Hyperoliinae.
Authority: Channing, 1989, S. Afr. J. Zool., 24:116–131.

Paracassina Peracca, 1907. Boll. Mus. Zool. Anat. Comp. Univ. Torino, 22:3.

TYPE SPECIES: *Cassina obscura* Boulenger, 1895, by monotypy.
DISTRIBUTION: Central Ethiopia.
COMMENT: Drewes, 1984, Occas. Pap. California Acad. Sci., 139:39, recognized the species in this genus as *Tornierella* Ahl, 1924, and generically distinct from *Kassina*. Dubois, 1987 “1986”, Alytes 5:38, noted that *Tornierella* is a junior synonym of *Paracassina*, which he considered to be a subgenus of *Kassina* Girard, 1853.

Paracassina kounhiensis (Mocquard, 1905).

Changed from: *Tornierella kounhiensis*.
Authority: Dubois, 1987 “1986”, Alytes, 5:38.
TYPE LOCALITY: Change to read: Kounhi Valley
COMMENT: Change first sentence to read: Synonymy includes *Tornierella pulchra* Ahl, 1924, and *Rothschildia abyssinica* Parker, 1930, according to Largen, 1975, Monit. Zool. Ital., N.S., Suppl., 6:18.

Paracassina obscura (Boulenger, 1895 “1894”).

Changed from: *Tornierella obscura*.
Authority: Dubois, 1987 “1986”, Alytes, 5:38.
Citation: Change to read: ... London, 1894:644.
TYPE(S): Change to read: Holotype: BM 1947.2.9.99 (formerly 87.1.17.3).

Phlyctimantis

COMMENT: Change last line to read *Tornierella* (= *Paracassina*). Dubois, 1987 “1986”, Alytes, 5:38, regarded *Phlyctimantis* to be a subgenus of *Kassina* Girard, 1853.

Phlyctimantis boulengeri Perret, 1986. Bull. Soc. Neuchâtel Sci. Nat., 109:23.

TYPE(S): Holotype: MHNG 2238.56
TYPE LOCALITY: Fainchang (= Fineschang), Region of Mamfe, Cameroon, 150 m.
DISTRIBUTION: Western tropical Africa from Liberia to Cameroon and Fernando Po.

Phlyctimantis leonardi

TYPE LOCALITY: Change to read: “Ndjalé, French Congo (= Ndjolé, Gabon).

DISTRIBUTION: Change to read: Rainforests of Gabon, Congo, and western Zaire.

COMMENT: Change last sentence to read: Former syntypes in BM from “Punta Frailes, Fernando Po,” considered to represent *Phlyctimantis boulengeri* by Perret, 1986, Bull. Soc. Neuchâtel Sci. Nat., 109:23.

Semnodactylus Hoffman, 1939, Soöl. Navors. Nas. Mus., 1:90.

TYPE SPECIES: *Semnodactylus thabanchuensis* Hoffman, 1939 (= *Cassina wealii* Boulenger, 1882), by monotypy.

DISTRIBUTION: As for the single species.

COMMENT: *Notokassina* Drewes, 1985, S. Afr. J. Sci., 81:190 (type species: *Cassina wealii* Boulenger, 1882, by original designation) is a junior objective synonym, as noted by Dubois, 1987 “1986”, Alytes, 5:35, who considered *Semnodactylus* to be a synonym of *Kassina* Girard, 1853. Discussed by Lambiris, 1988, Lammergeyer, 36:126–127, who supported generic recognition of *Semnodactylus*.

Semnodactylus wealii (Boulenger, 1882).

Changed from: *Kassina wealii*.

Authority: Dubois, 1987 “1986”, Alytes, 5:35.

Tornierella

Delete. Synonym of *Paracassina*.

Authority: Dubois, 1987 “1986”, Alytes, 5:38.

Tornierella kounhiensis

Change to: *Paracassina kounhiensis* (Mocquard, 1905).

Authority: Dubois, 1987 “1986”, Alytes, 5:38.

Tornierella obscura

Change to: *Paracassina obscura* (Boulenger, 1895 “1894”).

Authority: Dubois, 1987 “1986”, Alytes, 5:38.

SUBFAMILY: Leptopelinae Laurent, 1972.

CITATION: Change to: Copeia, 1972:201.

Authority: Dubois, 1987 “1986”, Alytes, 5:127.

COMMENT: Change last sentence to read: Cladistic analysis by Channing, 1989, S. Afr. J. Zool., 24:116–131, resulted in transfer of *Acanthixalus* from the Leptopelinae to the Hyperoliinae.

Acanthixalus

Transferred from Leptopelinae to Hyperoliinae.

Authority: Channing, 1989, S. Afr. J. Zool., 24:116–131.

Leptopelis argenteus

DISTRIBUTION: Change to read: Southeastern Tanzania.

COMMENT: Change to read: Three subspecies were recognized by Schiøtz, 1975, Treefrogs E. Afr. 18–24; two of these subsequently has been recognized as a distinct species. See comments under *Leptopelis broadleyi* and *Leptopelis concolor*.

Leptopelis aubreyi

DISTRIBUTION: Change to read: Southeastern Nigeria to Cameroon and the Central African Republic south to extreme western Zaire.

Authority: Joger, 1990, Vert. Tropics:85–102.

Leptopelis bocagii

Change to read: *Leptopelis bocagii* (Günther, 1865 “1864”).

COMMENT: Change line 3 to read: (2)6:23–24, placed *Hylabates angolensis* Bocage, 1893, in the synonymy of *Leptopelis bocagii* and noted that the synonymy

Leptopelis broadleyi Poynton, 1985. S. Afr. J. Sci., 81:468.

TYPE(S): Holotype: NMZB.

TYPE LOCALITY: 8 km NE Dondo, Mozambique.

DISTRIBUTION: Southern Malawi, central Mozambique, and extreme eastern Zimbabwe.

COMMENT: Replacement name for *Leptopelis argenteus meridionalis* Schiøtz, 1975, Treefrogs E.

Afr.:22, which is preoccupied by *Leptopelis calcaratus meridionalis* Laurent, 1973, Ann.

Mus. R. Afr. Cent., Tervuren, Ser. Octavo, Sci. Zool., 202:50.

Leptopelis concolor Ahl, 1929. Sitzungsber. Ges. Naturdorsch. Freunde Berlin, 1929:192.

TYPE(S): ZMB.

TYPE LOCALITY: Witu, Kenya.

DISTRIBUTION: Southern Somalia, coastal Kenya and northeastern Tanzania.

COMMENT: Treated as a subspecies of *Leptopelis argenteus* by Schiøtz, 1975, Treefrogs E.

Afr.:18–20, but recognized as a distinct species by Lanza, 1991, Biogeographia, 14:412.

Leptopelis cynnamomeus

DISTRIBUTION: Change to read: Southern Angola, northwestern Zambia, and extreme southeastern Zaire.

COMMENT: Change third and fourth sentences to read: Discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:177, who included in the synonymy *Leptopelis moeroensis* Laurent, 1973, Ann. Mus. R. Afr. Cent., Tervuren, Ser. Octavo, Sci. Zool., 202:29.

Leptopelis flavomaculatus

DISTRIBUTION: Change to read: Forests of coastal Kenya, eastern Tanzania and Zimbabwe, Mozambique.

COMMENT: Change last sentence to read: Discussed by Poynton and Broadley, 1987, Ann. Natal Mus., 28:168–169.

Leptopelis gramineus

COMMENT: Change to read: Synonymy includes *Pseudocassina ocellata* Ahl, 1924, and *Pseudocassina rugosa* Ahl, 1924, according to Largen, 1977 ...

Leptopelis lebeaui (Witte, 1933). Rev. Zool. Bot. Afr., 24:102.

ORIGINAL NAME: *Hylambates lebeaui*.

TYPE(S): RGMC.

TYPE LOCALITY: Nyonga, Katanga (= Chaba, Zaire).

DISTRIBUTION: Only known from the type locality.

COMMENT: Confused with several other species; provisionally regarded as a separate species by Poynton, 1985, S. Afr. J. Sci., 81:467, and Poynton and Broadley, 1987, Ann. Natal Mus., 28:169.

Leptopelis millsoni

Change to read: *Leptopelis millsoni* (Boulenger, 1895 “1894”).

Leptopelis moeroensis

Delete. Synonym of *Leptopelis cynnamomeus*.

Authority: Poynton and Broadley, 1987, Ann. Natal Mus., 28:177.

Leptopelis mossambicus Poynton, 1985. S. Afr. J. Sci., 81:467.

TYPE(S): Holotype: NMP 3682.

TYPE LOCALITY: Maputo, Mozambique.

DISTRIBUTION: Malawi to Natal, Swaziland, Transvaal, and Zimbabwe.

Leptopelis omissus Amiet, 1992 “1991”. Alytes 9:90.

TYPE(S): Holotype: MNHNP 1991.270.

TYPE LOCALITY: Kala, Cameroon.

DISTRIBUTION: Southeastern Nigeria through Cameroon to southern Congo.

COMMENT: Apparently related to *Leptopelis calcaratus* according to original description.

Leptopelis palmatus

COMMENT: Add to end: Reviewed by Loumont, 1992 Alytes, 10:49–51.

Leptopelis parvocagii Poynton and Broadley, 1987. Ann. Natal Mus., 28:171.

TYPE(S): RGMC 101088.

TYPE LOCALITY: Mabwe, eastern shore of Lake Upemba, 585 m, Zaïre.

DISTRIBUTION: Uplands of northern Mozambique and Malawi, northern Zambia, northern Angola, Zaïre.

Leptopelis rufus

TYPE(S): Change to read: ... MHNG 1324.65 designate ...

Leptopelis vannutellii

DISTRIBUTION: Change to read: ... Ethiopia, 1500–2200 m elev.

Leptopelis viridis

Change to: *Leptopelis viridis* (Günther, 1869 “1868”).

Authority: Dubois, 1987 “1986”, Alytes, 5:130.

SUBFAMILY: Tachycneminae Channing, 1989.

CITATION: S. Afr. J. Zool., 24:127.

DISTRIBUTION: Seychelles Is., Indian Ocean.

COMMENT: Formerly placed in the Hyperoliinae.

Tachycnemis

Transferred to Tachycneminae from Hyperoliinae.

Authority: Channing, 1989, S. Afr. J. Zool., 24:127.

COMMENT: Change last line to read: *Megalixalus* Günther, 1869.

FAMILY: Leiopelmatidae Mivart, 1869.

Ascaphus

TYPE SPECIES: Change to read: *Ascaphus truei* Stejneger, 1899, by monotypy.

Leiopelma

TYPE SPECIES: Change to read: *Leiopelma hochstetteri* Fitzinger, 1843, by monotypy.

COMMENT: Add to beginning: *Leiopelma* is No. 2038 on the Official List of Generic Names in Zoology.

FAMILY: Leptodactylidae Werner, 1896 (1838).

CITATION: Change to read: Verh. Zool. Bot. Ges. Wien, 1896:357.

Authority: Dubois, 1987 “1986”, Alytes, 5:127.

SUBFAMILY: Ceratophryinae Tschudi, 1838.

CITATION: Change to read: Classif. Batr.:26.

COMMENT: Add: Laurent, 1986, *Traite Zool.*:687–689, also placed *Macrogenioglottus*, *Odontophrynus*, and *Proceratophrys* in the Ceratophryinae.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:127.

Ceratophrys

TYPE SPECIES: Change to read: ... 1823), by monotypy.

COMMENT: change line 2–3 to read: ...the subgenera *Ceratophrys* Wied+Neuwied, 1824, Isis von Oken, 1824:672 (type species: *Ceratophrys varius* Wied-Neuwied, 1824 [= *Bufo aurita* Raddi, 1823], by monotypy) and *Stombus* Gravenhorst, 1825, Isis von Oken, 1825:920 (type species: *Rana cornuta* Linnaeus, 1758, by subsequent designation of Gravenhorst, 1829).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:130.

Ceratophrys joazeirensis Mercadal, 1986. *Amphibia-Reptilia*, 7:320.

TYPE(S): Holotype: NMW 4582.

TYPE LOCALITY: Joazeiro, Estado de Bahia, Brazil.

DISTRIBUTION: Vicinity of type locality in valley of the Rio São Francisco in northeastern Brazil.

COMMENT: An octoploid species most closely related to *Ceratophrys ornata* according to original description.

Ceratophrys testudo Andersson, 1945. *Ark. Zool.*, 37A:22.

TYPE(S): Holotype: NHRM 1912.

TYPE LOCALITY: “Rio Pastaza watershed” [Ecuador].

DISTRIBUTION: Questionable other than type locality.

COMMENT: Mercadal, 1988, *Amphibia-Reptilia*, 9:1–6, resurrected *Ceratophrys testudo* from the synonymy of *Ceratophrys cornuta* but did not define the distributions of the species.

Chacophrys Reig and Limeses, 1963. *Physis*, 24:125

TYPE SPECIES: Vellard, 1948, by original designation.

DISTRIBUTION: As for single species.

COMMENT: See comment under *Chacophrys pierotti*.

Chacophrys pierotti (Vellard, 1948). *Acta Zool. Lilloana*, 5:151.

TYPE(S): FML.

TYPE LOCALITY: Hickman, Provincia Salta, Argentina.

DISTRIBUTION: Salt flats in Chaco, Córdoba, Salta, and Santiago del Estero provinces in northern Argentina.

COMMENT: Lynch, 1982, *Syst. Zool.*, 31:166–179, considered this species to be an intergeneric hybrid between *Ceratophrys cranwelli* and *Lepidobatrachus llanensis*, but this view was disputed by immunological evidence provided by Maxon and Ruibal, 1988, *J. Herpetol.*, 22:228–231, who recognized the species.

Lepidobatrachus

TYPE SPECIES: Change to read: *Lepidobatrachus asper* Budgett, 1899, by subsequent designation by Gorham, 1966, *Das Tierreich*, 85:125.

SUBFAMILY: Hylodinae Günther, 1959 “1858”.

Change to read: **SUBFAMILY: Hylodinae** Günther, 1858.

CITATION: *Proc. Zool. Soc. London*, 1858:346.

COMMENT: Change line 4 to read: Günther, 1858, has... Change lines 9–10 to read: ... Miranda-Ribeiro, 1923, *Rev. Mus. Paulista*, 13:827. However, ...Change last line to read: Zoological Nomenclature (Savage, 1986, *Proc. Biol. Soc. Washington*, 99:42).” Add: Laurent, 1986, *Traite Zool.*:691–693, placed the genera recognized here in the Hylodinae plus *Craspedoglossa*, *Crossodactylus*, *Cycloramphus*, *Paratelmatobius*, *Scythrophrys*, *Thoropa*,

and *Zachaeus* in the subfamily Grypiscinae Mivart, 1869 (= Cycloramphinae Bonaparte, 1850).

Crossodactylus

TYPE SPECIES: Change to read: *Crossodactylus gaudichaudii* Duméril and Bibron, 1841, by monotypy.

COMMENT: Add to end: Caramaschi and Sazima, 1985, Rev. Brasil Zool. 3:43–49, defined the species groups noted in the species accounts.

Crossodactylus aeneus

COMMENT: In the *Crossodactylus gaudichaudii* group.

Crossodactylus bokermanni Caramaschi and Sazima, 1985. Rev. Brasil. Zool., 3:43.

TYPE(S): Holotype: JJ 6044.

TYPE LOCALITY: “Km 114 do estrada de Vespasiano a Conceição do Mato Dentro, município de Jaboticatubas, Serra do Cipó, Minas Gerais, Brasil.”

DISTRIBUTION: Serra do Cipó, Minas Gerais, Brazil.

COMMENT: In the *Crossodactylus gaudichaudii* group.

Crossodactylus dispar

COMMENT: Add to beginning: In the *Crossodactylus trachystomus* group.

Crossodactylus gaudichaudii

COMMENT: In the *Crossodactylus gaudichaudii* group.

Crossodactylus schmidtii

COMMENT: In the *Crossodactylus schmidtii* group.

Crossodactylus trachystomus

COMMENT: In the *Crossodactylus trachystomus* group.

Hylodes

COMMENT: Add to end: Heyer and Cocroft, 1986, Proc. Biol. Soc. Washington, 99:100–109, discussed the *Hylodes lateristrigatus* group.

Hylodes asper

COMMENT: Change line 1 to read: ...*asperus* has...

Hylodes babax

DISTRIBUTION: Change to read: Southern Espírito Santo and Caparaão Mountains, Minas Gerais, Brazil.

Authority: Heyer and Cocroft, 1986, Proc. Biol. Soc. Washington, 99:104.

Hylodes charadranaetes Heyer and Cocroft, 1986. Proc. Biol. Soc. Washington, 99:106.

TYPE(S): Holotype: MZUSP 60648.

TYPE LOCALITY: “Brazil: Rio de Janeiro; Alto do Soberbo, near Teresópolis, 22°26’S, 42°59’W.”

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Hylodes lateristrigatus* group according to original description.

Hylodes glabrus

Change to read: *Hylodes glaber* (Miranda-Ribeiro, 1926).

COMMENT: Change last line to read: ... population. Removed from the *Hylodes lateristrigatus* group by Heyer and Cocroft, 1986, Proc. Biol. Soc. Washington, 99:100–109.

Hylodes lateristrigatus

DISTRIBUTION: Change to read: Minas Gerais and southern Espírito Santo to São Paulo, Brazil.

Authority: Heyer and Cocroft, 1986, Proc. Biol. Soc. Washington, 99:104.

Hylodes phyllodes Heyer and Cocroft, 1986. Proc. Biol. Soc. Washington, 99:104.

TYPE(S): Holotype: MZUSP 59934.

TYPE LOCALITY: "Brazil: São Paulo, Boracéia, 23°38'S, 45°50'W."

DISTRIBUTION: Region of Boracéia and Paranapiacaba, São Paulo, Brazil.

COMMENT: In the *Hylodes lateristrigatus* group according to original description.

Megaelosia

TYPE SPECIES: Change to read: *Megaelosia bufonia* Miranda-Ribeiro, 1923 (= *Hylodes goeldii* Baumann, 1912), by monotypy.

Megaelosia lutzae Izecksohn and Gouvêa, 1985. Arq. Univ. Fed. Rural Rio de Janeiro, 8:17.

TYPE(S): Holotype: EI 137.

TYPE LOCALITY: Parque Nacional do Itatiaia, Resende, Rio de Janeiro, Brazil.

DISTRIBUTION: Known only from the region of the Itatiaia Mountains in Rio de Janeiro in south-eastern Brazil.

SUBFAMILY: Leptodactylinae Werner, 1896 (1838).

CITATION: Change to: Verh. Zool. Bot. Ges. Wien, 1896:357.

Authority: Dubois, 1987 "1986", Alytes, 5:127.

Adenomera

Change to read: *Adenomera* Steindachner, 1867, by monotypy.

Authority: Dubois, 1987 "1986", Alytes, 5:128.

Adenomera griseigularis

Delete. Synonym of *Leptodactylus wagneri*.

Authority: Heyer, 1984, Amphibia-Reptilia, 5:97.

Adenomera marmorata

Change to read: *Adenomera marmorata* Steindachner, 1867.

Authority: Dubois, 1987 "1986", Alytes, 5:128.

Edalorhina

TYPE SPECIES: Change to read: *Edalorhina perezii* Jiménez de la Espada, by monotypy.

COMMENT: Change lines 2–3 to read: ... *Pseudopaludicola*. Reviewed by Duellman and Morales, 1990, Stud. Neotrop. Fauna Environ., 25:19–30.

Hydrolaetare

TYPE SPECIES: Change to read: *Limnomedusa schmidtii* Cochran and Goin, 1959, by original designation.

Leptodactylus

TYPE SPECIES: Change to read: *Rana typhonia* Latreille In Sonnini and Latreille, 1801 (= *Rana fusca* Schneider, 1799) by subsequent designation of Fitzinger, 1826, Neue Classif. Rept.:38.

Leptodactylus fragilis

Delete. Synonym of *Leptodactylus labialis*.

Authority: Dubois and Heyer, 1992, Copeia, 1992:584–585.

Leptodactylus labialis (Cope, 1877). Proc. Am. Philos. Soc., 17:90.

ORIGINAL NAME: *Cystignathus labialis*.

TYPE(S): Syntypes: USNM 31300–31305.

TYPE LOCALITY: Probably vicinity of Tehuantepec, Oaxaca, Mexico.

DISTRIBUTION: Extreme southern Texas (USA) through eastern and southern Mexico and Central America to northern Colombia and Venezuela.

COMMENT: In the *Leptodactylus fuscus* group. Heyer, 1979, Sci. Bull. Nat. Hist. Mus. Los Angeles Co., 29:46, referred this species to *Leptodactylus fragilis* Brocchi, 1877, a name that post-dates *Leptodactylus labialis* according to Dubois and Heyer, 1992, Copeia, 1992:584–585.

Leptodactylus plaumanni Ahl, 1936. Veröff. Deutsch. Kolonial-u. Uebersee Mus. Bremen, 1:389.

TYPE(S): Holotype: SMF 22469.

TYPE LOCALITY: Nova Teutonia, Santa Catarina, Brazil.

DISTRIBUTION: Vicinity of type locality in southeastern Brazil.

COMMENT: In the *Leptodactylus fuscus* group. Distinguished from *Leptodactylus gracilis* by Cardoso, 1985, Pap. Avulsos Zool., Sao Paulo, 36:87-90.

Leptodactylus podicipinus

DISTRIBUTION: Change to read: Northern Uruguay and Central Argentina north through Bolivia, southeastern Peru and southern and central Brazil.

Authority: WED—KU specimens.

Leptodactylus rhodomystax

Change to read: *Leptodactylus rhodomystax* Boulenger, 1884 “1883.”

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Leptodactylus rhodonotus

Change to read: *Leptodactylus rhodonotus* (Günther, 1869 “1868”).

Authority: Dubois, 1987 “1986”, Alytes, 5:131

Leptodactylus wagneri

COMMENT: Change to read: In the *Leptodactylus melanonotus* group. *Adenomera griseigularis* is a junior synonym according to Heyer, 1984, Amphibia-Reptilia, 5:97.

Limnomedusa

TYPE SPECIES: *Cystignathus macroglossus* Duméril and Bibron, 1841, by original designation.

Lithodytes

TYPE SPECIES: Change to read: *Rana lineata* Schneider, 1799, by original designation.

Authority: Dubois, 1987 “1986”, Alytes, 5:130.

Paratelmatobius

TYPE SPECIES: Change to read: *Paratelmatobius lutzii* Lutz and Carvalho, 1958, by original designation.

Paratelmatobius poecilogaster Giaretta and Castanho, 1990. Pap. Avulsos Zool., São Paulo, 37:133.

TYPES(S): Holotype: MZUSP 65372.

TYPE LOCALITY: Paranapiacaba (23°47'S, 46°18'W, 800 m), Estado de São Paulo, Brazil.

DISTRIBUTION: Type locality in southeastern Brazil.

Physalaemus

TYPE SPECIES: Change to read: *Physalaemus cuvieri* Fitzinger, 1826, by monotypy.

Physalaemus albifrons

TYPE(S): Change to read: Syntypes: ZSM 49/0 and 50/0 (both now lost), RMNH 2272; latter designated lectotype by Hoogmoed, 1986, Zool. Meded., Leiden, 60:299–300.

Physalaemus biligonigerus

COMMENT: Change first sentence to read: In the *Physalaemus biligonigerus* group.

Physalaemus bokermanni Cardoso and Haddad, 1985. Rev. Brasil. Biol., 45:33.

TYPE(S): Holotype: MZUSP 59551.

TYPE LOCALITY: Campo Grande, Município de Santo André, São Paulo, Brazil (23°45'S, 46°22'W).

DISTRIBUTION: Vicinity of type locality in southeastern Brazil.

COMMENT: In the *Physalaemus signifer* group according to original description.

Physalaemus cicada

DISTRIBUTION: Change to read: Northeastern Brazil.

Physalaemus crombiei Heyer and Wolf, 1989. Proc. Biol. Soc. Washington, 102:500.

TYPE(S): Holotype: MZUSP 66252.

TYPE LOCALITY: Adjacent to the Reserva Biológica Nova Lombardia, near Santa Teresa (approximately 19°55'S, 40°36'W), Espírito Santo, Brazil.

DISTRIBUTION: Known only from the type locality in southeastern Brazil.

COMMENT: In the *Physalaemus signifer* group according to original description.

Physalaemus deimaticus Sazima and Caramaschi, 1986. Rev. Biol. Brasil., 13:92.

TYPE(S): Holotype: JJ 6057.

TYPE LOCALITY: “km 132 da estrada de Vespasiano a Conceição do Mato Dentro, município de Jaboticatubas, Serra do Cipó, Minas Gerais, Brazil.”

DISTRIBUTION: Vicinity of the type locality in southeastern Brazil.

COMMENT: Not assigned to species group in original description.

Physalaemus fischeri

TYPE(S): Holotype: BM 89.12.16.764 (1947.2.18.28).

COMMENT: Change to read: Synonym of *Physalaemus gracilis* (AJC).

Physalaemus fuscomaculatus

COMMENT: Change to read: In the *Physalaemus biligonigerus* group. Reviewed by Cei, 1990, Bol. Mus. Reg. Sci. Nat. Torino 8:215–231.

Physalaemus maculiventris

COMMENT: Change to read: In the *Physalaemus signifer* group according to Heyer, 1985, Proc. Biol. Soc. Washington, 98:668.

Physalaemus moreirae

TYPE(S): Change to read: Holotype: MN 464.

TYPE LOCALITY: Change to read: Sororocaba, Rio Branco (23°57'S, 46°30'W, 300–500 m elev.), Município do Santos, São Paulo, Brazil

DISTRIBUTION: Change to read: Lower slopes of the Serra do Mar, São Paulo, southeastern Brazil.

COMMENT: Change to read: Synonymy includes *Physalaemus franciscae* Heyer, 1985, Proc. Biol. Soc. Washington, 98:657–671, according to Caramaschi and Caramaschi, 1991, J. Herpetol., 25:107–108, who traced the holotype and type locality of the species.

Physalaemus offersii

DISTRIBUTION: Change to read: ... southeastern Brazil; also in southern Brazil.

Physalaemus rupestris Caramaschi, Carcerelli, and Feio, 1991. *Herpetologica*, 47:148.

TYPE(S): Holotype: MN 10551.

TYPE LOCALITY: Parque Estadual do Ibitipoca (21°42'S, 43°53'W, 1680 m), Município Lima Duarte, Minas Gerais, Brazil.

DISTRIBUTION: Vicinity of the type locality in the Serra do Mantiqueira in southeastern Brazil.

COMMENT: Related to *Physalaemus deimaticus* according to original description.

Pleurodema

COMMENT: Insert at beginning: The gender of the generic name is neuter.

Pleurodema bibroni

TYPE(S): Change to read: Lectotype: MNHNP 4501, designated by Ortiz and Lescure, 1989, *Bull. Mus. Natl. Hist. Nat., Paris*, (4)11:118.

Pleurodema bufonina

Change to read: *Pleurodema bufoninum* Bell, 1843.

Pleurodema cinerea

Change to read: *Pleurodema cinereum* Cope, 1877.

Pleurodema diplolistris

Change to read: *Pleurodema diplolistre* (Peters, 1870).

Pleurodema guayapae

COMMENT: Change *nebulosa* to *nebulosum*.

Pleurodema marmorata

Change to read: *Pleurodema marmoratum* (Duméril and Bibron, 1841).

Pleurodema nebulosa

Change to read: *Pleurodema nebulosum* (Burmeister, 1861).

Pleurodema tucumana

Change to read: *Pleurodema tucumanum* Parker, 1927.

Pseudopaludicola

TYPE SPECIES: *Liuperus falcipes* Hensel, 1867, by monotypy.

Pseudopaludicola ameghini

Delete. Synonym of *Pseudopaludicola mystacalis*.

Authority: Haddad and Cardoso, 1987, *Pap. Avul. Zool., São Paulo*, 36:287–300.

Pseudopaludicola bolivianus

Change to read: *Pseudopaludicola boliviana* Parker, 1927.

ORIGINAL NAME: Delete.

Pseudopaludicola ceratophyes Rivero and Serna, 1984. *Caribb. J. Sci.*, 20:169.

TYPE(S): MHNCSJ 334.

TYPE LOCALITY: Leticia, Amazonas, Colombia.

DISTRIBUTION: Amazon Basin in southern Colombia and northeastern Peru.

Pseudopaludicola falcipes

COMMENT: Change to read: Milstead, 1963, Copeia, 1963:565–566, considered *Paludicola mystacalis* Cope, 1887, and *Paludicola saltica* Cope, 1887, to be synonyms, but both species were distinguished from *Pseudopaludicola falcipes* by morphological and acoustical characters by Haddad and Cardoso, 1987, Pap. Avul. Zool., São Paulo, 36:287–300.

Pseudopaludicola llanera Lynch, 1989. Copeia, 1989:577.

TYPE(S): Holotype: ICN 13576.

TYPE LOCALITY: Puerto Gaitán, Departamento de Meta, Colombia.

DISTRIBUTION: Río Orinoco drainage in northeastern Colombia and adjacent Venezuela.

COMMENT: In the *Pseudopaludicola pusilla* group according to original description.

Pseudopaludicola mystacalis (Cope, 1887). Proc. Am. Philos. Soc., 24:49.

ORIGINAL NAME: *Paludicola mystacalis*.

TYPE(S): Syntypes: ANSP 11238–40.

TYPE LOCALITY: “Chupada” [=Chapada dos Guimaraes], Mato Grosso, Brazil.

DISTRIBUTION: Southern Brazil and eastern Bolivia through Paraguay to Argentina.

COMMENT: This species was considered to be conspecific with *Pseudopaludicola falcipes* until Haddad and Cardoso, 1987, Pap. Avul. Zool., São Paulo, 36:287–300, demonstrated that morphologically and bioacoustically the two species were different. The synonymy includes *Paludicola ameghini* Cope, 1887. Reviewed (as *Pseudopaludicola ameghini*) by Ceí and Roig, 1961, Notas Biol. Fac. Cienc. Exact. Fis. Nat., Corr. Zool., 1:32, and Ceí, 1980, Monit. Zool. Ital., N.S., Monogr., 2:412–414. See comment under *Pseudopaludicola ternetzi*.

Pseudopaludicola pusillus

Change to read: *Pseudopaludicola pusilla*.

Pseudopaludicola saltica (Cope, 1887). Proc. Am. Philos. Soc., 24:48.

ORIGINAL NAME: *Paludicola saltica*.

TYPE(S): Syntypes: ANSP 11228–34, 11236–37.

TYPE LOCALITY: “Chupada” [=Chapada dos Guimaraes], Mato Grosso, Brazil.

DISTRIBUTION: Mato Grosso, Minas Gerais, and São Paulo, southern Brazil.

COMMENT: Resurrected from the synonymy of *Pseudopaludicola falcipes* on the basis of morphological and bioacoustical differences by Haddad and Cardoso, 1987, Pap. Avul. Zool., São Paulo, 36:287–300.

Pseudopaludicola ternetzi

COMMENT: Change line 1 to read: ... *Pseudopaludicola mystacalis* (as *Pseudopaludicola ameghini*) by

SUBFAMILY: Telmatobiinae Fitzinger, 1843.

CITATION: Change to: Syst. Rept.:32.

COMMENT: Change lines 2–3 to read: ... Miranda-Ribeiro, 1920, Rev. Mus. Paulista, 12:320.

Change line 4 to read: ... Javier Prado, 1:3. Lynch, 1971, ... Add: Laurent, 1986, Traite Zool.:693–694, recognized the subfamily Eleutherodactylinae Lutz, 1954, containing the following genera: *Amblyphrynus* (= *Eleutherodactylus*), *Barycholos*, *Dischidodactylus*, *Eleutherodactylus*, *Euparkerella*, *Geobatrachus*, *Holoaden*, *Hylactophryne*, *Ischnocnema*, *Phrynopus*, *Sminthillus*, *Syrrophus*, and *Tomodactylus*.

Adelophryne

COMMENT: Insert at beginning: Tribe Eleutherodactylini.

Adelophryne adiastrata

DISTRIBUTION: Change to read: Amazon Basin in Colombia and northeastern Peru.

Authority: Lynch, 1986, J. Herpetol., 20:424.

Alsodes

TYPE SPECIES: *Alsodes monticola* Bell, 1843, by monotypy.

COMMENT: Change line 1 to read: Tribe Telmatobiini. Use of the generic name *Alsodes* presumes that its publication date antedates that of *Hammatodactylus* Fitzinger, 1843, Syst.

Rept.:32 (type species, *Cystignathus nodosus* Duméril and Bibron, 1841, by original designation). See comment...

Authority: Dubois, 1987 "1986", Alytes, 5:128.

Alsodes montanus

Change to: *Telmalsodes montanus*.

COMMENT: Delete.

Authority: Díaz, 1989, Stud. Neotrop. Fauna Environ., 24:32.

Alsodes nodosus

TYPE(S): Change to read: Syntypes (MNHNP 763 (2 specimens)).

Authority: Ortiz and Lescure, 1989, Bull. Mus. Natl. Hist. Nat., Paris, (4)11:117.

Alsodes pehuenche

Change to: *Telmalsodes pehuenche*.

ORIGINAL NAME: *Telmatobius pehuenche*.

Authority: Díaz, 1989, Stud. Neotrop. Fauna Environ., 24:32.

Alsodes vittatus (Philippi, 1902). Supl. Batr. Chil. Desc. Hist. Fis. Polit. Chile:103.

ORIGINAL NAME: *Cystignathus vittatus*.

TYPES: (Holotype): IZUC.

TYPE LOCALITY: "Habitat in Araucanía" (vicinity of Concepción, Chile).

DISTRIBUTION: Definitely known only from San Ignacio de Pemehue, Provincia Malleco, Chile.

COMMENT: Distinguished from *Eupsophus vertebralis* and transferred from *Eupsophus* to *Alsodes* by Formas, 1989, Bol. Soc. Biol. Concepción, 60:123-127.

Atelognathus patagonicus

COMMENT: Delete.

Atopophrynus Lynch and Ruíz-Carranza, 1982.

COMMENT: Change to read: Originally placed in Dendrobatidae by Lynch and Ruíz-Carranza, 1982, Proc. Biol. Soc. Washington, 95:557-562. Considered to be a sister group of *Geobatrachus* by Myers and Ford, 1986, Amer. Mus. Novitat., 2843:1-15.

Changed from Dendrobatidae to Leptodactylidae: Telmatobiinae

Atopophrynus syntomopus (Lynch and Ruíz-Carranza, 1982).

Changed from: Dendrobatidae to Leptodactylidae: Telmatobiinae.

Batrachophrynus

TYPE SPECIES: Change to read: *Batrachophrynus microstomus* Peters, 1873, by subsequent designation of Gorham, 1966, Das Tierreich, 85:330.

Batrachyla

TYPE SPECIES: Change to read: *Batrachyla leptopus* Bell, 1843, by monotypy.

Caudiverbera

TYPE SPECIES: Change to read: *Caudiverbera peruviana* (= *Lacerta caudiverbera* Linnaeus, 1758), by tautonymy; see Myers, 1962, Copeia, 1962:195-202, for discussion.

Authority: Dubois, 1987 "1986", Alytes, 5:135.

Crossodactylodes

TYPE SPECIES: Change to read: *Crossodactylodes pinto* Cochran, 1938, by original designation.

COMMENT: Change to read: Tribe Cycloramphini.

Authority: Dubois, 1987 "1986", Alytes, 5:117.

Cycloramphus

COMMENT: Change first sentence to read: Tribe Cycloramphini.

Authority: Dubois, 1987 "1986", Alytes, 5:117, 131.

Cycloramphus fuliginosus

DISTRIBUTION: Change to read: Atlantic coastal forest from southeastern Bahia to Rio de Janeiro, Brazil.

Cycloramphus juimirim Haddad and Sazima, 1989. Herpetologica, 45:425.

TYPE(S): Holotype: MZUSP 65376.

TYPE LOCALITY: Near the Rio Verde, Estação Ecológica de Juréia Iguape, (approximately 24°31'S, 47°15'W) São Paulo, Brazil.

DISTRIBUTION: Known only from type locality in Atlantic Coastal Forest in southeastern Brazil.

COMMENT: In the *Cycloramphus fuliginosus* group according to original description.

Cycloramphus migueli Heyer, 1988. Proc. Biol. Soc. Washington, 101:151.

TYPE(S): Holotype: MZUSP 63450.

TYPE LOCALITY: São José (do Macuco), Fazenda Unacau (15°09'S, 39°18'W), Bahia, Brazil.

DISTRIBUTION: Known only from the type locality in the Atlantic Coastal Forest of eastern Bahia, Brazil.

Dischidodactylus colonnelloi Ayarzagüena, 1985 "1983." Mem. Soc. Cienc. Nat. La Salle, 43:215.

TYPE(S): Holotype: SCN 9378.

TYPE LOCALITY: Top of Marahuaca Tepui, 2550 m, Territorio Federal Amazonas, Venezuela.

DISTRIBUTION: Type locality in southern Venezuela.

Eleutherodactylus

COMMENT: Change line 1 to read: Tribe Eleutherodactylini. *Eleutherodactylus* is No. 2056 on the Official List of Generic Names in Zoology. Synonymies... Line 14 from end, change "Synonymy includes" to read: Lynch, 1986, Herpetologica, 42:248–258, unified most of the Middle American species on the basis of jaw musculature and noted that *Hylactophryne* should be included in this clade of *Eleutherodactylus*, for which the generic (or subgeneric) name *Craugastor* Cope, 1862, Proc. Acad. Nat. Sci. Philadelphia, 15:153 (type species *Hylodes fitzingeri* Schmidt, 1858, by subsequent designation of Dunn and Dunn, 1940, Copeia, 1940:71) is available. Dubois, 1987 "1986", Alytes, 5:23, proposed the genus *Ladailadne* (type species *Eleutherodactylus jasperi* Drewry and Jones, 1976, by original designation). Joglar, 1989, Phylo. Relat. West Indian *Eleutherodactylus*:371–408, provided a morphological analysis of the West Indian species. Hedges, 1989, Evol. Biogeogr. West Indian Frogs:305–370, provided an electrophoretic analysis of West Indian species and placed the following genera in the synonymy of *Eleutherodactylus*: (1) *Ladailadne* Dubois, 1987 "1986", Alytes, 5:23 (type species *Eleutherodactylus jasperi* Drewry and Jones, 1976, by original designation); (2) *Sminthillus* Barbour and Noble, 1920, Bull. Mus. Comp. Zool., 63:402 (type species *Phyllobates limbatus* Cope, 1862, by original designation); (3) *Syrrophus* Cope, 1878, Am. Nat., 12:253 (type species *Syrrophus marnockii* Cope, 1878, by monotypy); (4) *Tomodactylus* Günther, 1900, Biol. Cent. Am., Rept. Batr.:219 (type species *Tomodactylus amulae* Günther, 1900, [= *Liuperus nitidus* Peters, 1869] by monotypy). Synonymy also includes... Add to end: Subgeneric assignments follow Lynch, 1986, Herpetologica, 42:248–258, for *Craugastor*, and Hedges, 1989, Evol. Biogeogr. West Indian

Frogs:305–370, for *Eleutherodactylus* Duméril and Bibron, 1841 (type species *Hylodes martinicensis* Tschudi, 1838, by monotypy), *Euhyas* Fitzinger, 1843 (type species *Hylodes ricordii* Duméril and Bibron, 1841, by monotypy), *Pelorius* Hedges, 1989 (type species *Leptodactylus inoptatus* Barbour, 1914, by original designation), and *Syrrhophus* Cope, 1878 (type species *Syrrhophus marnockii* Cope, 1878, by monotypy).

Eleutherodactylus aaptus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus abbotti

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus acatallelus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus acerus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus achatinus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus acmonis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus actites

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus acuminatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus acutirostris Lynch, 1984. Contr. Biol. Geol. Milwaukee Publ. Mus., 60:2.

TYPE(S): Holotype: ICN 12374.

TYPE LOCALITY: “Cuchilla del Fara,” near headwaters of Río Luisito, Vereda Virolín, Municipio Charalá, Departamento Santander, Colombia.

DISTRIBUTION: Western slopes of Cordillera Oriental in Departamento Santander, Colombia, 1780 m.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus affinis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus alalocophus Roa-Trujillo and Ruíz-Carranza, 1991. Caldasia, 16:343.

TYPE(S): Holotype: ICN 25449.

TYPE LOCALITY: Vereda Río Arriba, Finca La Montaña, 4.3 km east of La Cocora (04°38'N, 75°31'W, elev. 2650–3100 m), western slope of the Cordillera Central, Municipio Salento, Departamento Quindío, Colombia.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus alberchi Flores, 1988. Copeia, 1988:110.

TYPE(S): Holotype: MCZ 97483.

TYPE LOCALITY: Quebrada Silante Grande (Río Pilatón drainage), Alóag-Santo Domingo de los

Colorados road, 2300 m (00°27'S, 78°44'W), Provincia Pichincha, Ecuador.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Andes in Ecuador.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus devillei* assemblage of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus albipes

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus alcoae

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus alfredi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus altae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus altamazonicus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus alticola

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus amadeus Hedges, Thomas and Franz, 1987. Copeia, 1987:943.

TYPE(S): Holotype: USNM 258676.

TYPE LOCALITY: Formon Ridge Camp on south slope of Morne Formon, 3.0 km N base camp (2.6 km N, 15.1 km W Camp Perrin, airline distance), (18°20'59"N, 74°00'38"W; 1650 m), Dept. du Sud, Haiti.

DISTRIBUTION: Massif de la Hotte, Tiburon Peninsula, Haiti.

COMMENT: Subgenus *Euhyas*; placed in the *Eleutherodactylus bakeri* series by Hedges, 1989, Evol. Biogeogr. West Indian Frogs:305–370.

Eleutherodactylus anatipes

DISTRIBUTION: Change to read: Pacific slopes of Cordillera Occidental (520–1410 m) in extreme northern Ecuador and southern Colombia.

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Authority: Lynch and Burrowes, 1990, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 136:4.

Eleutherodactylus anciano Savage, McCranie, and Wilson, 1988, Bull. S. California Acad. Sci., 87:53.

TYPE(S): Holotype: KU 208999.

TYPE LOCALITY: El Chagüitón (14°30'N, 88°48'W), 1830 m, 18.8 km SE Corquín, Cordillera de Celaque, Departamento Ocotepeque, Honduras.

DISTRIBUTION: Known only from the type locality in southwestern Honduras.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus rugulosus* group according to original description.

Eleutherodactylus andi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus andicola

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus andrewsi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus angelicus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus angustidigitum (Taylor, 1940 "1939").

Changed from: *Tomodactylus angustidigitum*.

ORIGINAL NAME: *Tomodactylus angustidigitum*.

COMMENT: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus anolirex

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus anomalus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus anonymus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus anotis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus antillensis

Change to read: *Eleutherodactylus antillensis* (Reinhardt and Lütken, 1863 "1862").

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus anzuetoi

Delete: Synonym of *Eleutherodactylus lineatus*.

Authority: Savage, 1987, *Fieldiana: Zool.*, 33:1–57.

Eleutherodactylus apiculatus Lynch and Burrowes, 1990. *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 136:8.

TYPE(S): Holotype: IND-AN 1506.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus apostates

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus appendiculatus

DISTRIBUTION: Change to read: Cloud forests on Pacific slopes of Ecuador and extreme southern Colombia.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Lynch and Burrowes, 1990, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 136:4.

Eleutherodactylus armstrongi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus atkinsi

COMMENT: Change to read: Subgenus *Euhyas*. Two subspecies are recognized; of these,

Eleutherodactylus atkinsi estradai Lynch, 1991, Copeia, 1991:1138 is a replacement name for *Eleutherodactylus atkinsi orientalis* Barbour and Shreve, 1937, preoccupied by *Eleutherodactylus limbatus orientalis* (Barbour and Shreve, 1937), resulting from the inclusion of *Sminthillus* in *Eleutherodactylus* by Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus atratus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus audanti

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus augusti (Dugès, 1879).

Changed from: *Hylactophryne augusti*.

COMMENT: Change to read: Subgenus *Craugastor*. Reviewed by Zweifel, 1967, Cat. Am.

Amphi. Rept.,41:1–4.

Authority: Lynch, 1986, Herpetologica, 42:248–258.

Eleutherodactylus auriculatoides

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus auriculatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus aurilegulus Savage, McCranie, and Wilson, 1988. Bull. S. California Acad. Sci., 87:50.

TYPE(S): Holotype: KU 209002.

TYPE LOCALITY: Quebrada del Oro (15°38'N, 86°47'W), 780–840 m, tributary of Río Vermejo, south slope of Cerro Búfalo, Cordillera de Nombre de Dios, Departamento Atlántida, Honduras.

DISTRIBUTION: Known only from the type locality in north-central Honduras.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus rugulosus* group according to original description.

Eleutherodactylus azueroensis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus babax Lynch, 1989. Milwaukee Public Mus. Contr. Biol. Geol., 79:10.

TYPE(S): Holotype: ICN 13592.

TYPE LOCALITY: “Finca La Planada,” 1970 m, 5 km (by road) from Caserio Chucunés, Municipio de Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Midlevel Pacific slopes (1200–1970 m) of the Cordillera Occidental in western Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus dolops* group according to original description.

Eleutherodactylus bacchus Lynch, 1984. Contr. Biol. Geol. Milwaukee Publ. Mus., 60:4.

TYPE(S): Holotype: ICN 12389.

TYPE LOCALITY: “Cuchilla del Fara,” near headwaters of Río Luisito, Vereda Virolín, Municipio Charalá, Departamento Santander, Colombia, 1780 m.

DISTRIBUTION: Western slopes of Cordillera Oriental in Departamento Santander, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus fitzingeri* group according to original description.

Eleutherodactylus bakeri

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus balionotus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus barlagnei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus bartonsmithi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus baryecus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus batrachylus

COMMENT: Not assigned to subgenus by Lynch, 1986, *Herpetologica*, 42:255.

Eleutherodactylus bearsei Duellman, 1992. *Occas. Pap. Mus. Nat. Hist. Univ. Kansas* 150:2.

TYPE(S): Holotype: KU 212268.

TYPE LOCALITY: Cataratas Ahuashiyacu (06°30'S, 76°20'W, 730 m), 14 km (by road) northeast of Tarapoto, Provincia San Martín, Departamento San Martín, Peru.

DISTRIBUTION: Low ridges of the Andes in the vicinity of Tarapoto in northeastern Peru.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus bellona Lynch, 1992. *Copeia*, 1992:826.

TYPE(S): Holotype: ICN 16330.

TYPE LOCALITY: Finca El Palmar, 1960 m, 16 km SW Nutibara on road to La Blanquita (Murri), región de Murri-Alto de Cuevas, Corregimiento de Nutibara, Municipio Frontino, Departamento Antioquia, Colombia.

DISTRIBUTION: Pacific slopes of the Cordillera Occidental in Antioquia, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus berkenbuschii

Change to read: *Eleutherodactylus berkenbuschii* Peters, 1870 "1869."

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus bernali Lynch, 1986. *Caldasia*, 15:631.

TYPE(S): Holotype: ICN 4845.

TYPE LOCALITY: 1.4 km south of junction of Sonsón-Dorada and Argelia roads, 2350 m, Municipio Sonsón, Departamento Antioquia, Colombia.

DISTRIBUTION: Type locality in the northern part of the Cordillera Central of Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus bicolor

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus bicumulus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus bilineatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus binotatus

COMMENT: Change *abreviata* to *abbreviata* and change *pliciferus* to *plicifer*.

Eleutherodactylus biporcatus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus bockermanni

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus boconensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*. Add to end: See Rivero, 1984 "1982," Mem. Soc. Cienc. Nat. La Salle, 118:32–34, for discussion.

Eleutherodactylus bocourti

COMMENT: Subgenus *Craugastor*.

Eleutherodactylus bogotensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus bolbodactylus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus boulengeri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus bransfordii

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus bresslerae

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus brevifrons

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus brevirostris

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus briceni

COMMENT: Subgenus *Eleutherodactylus*. "Reviewed by Rivero, 1961 ..." = Reviewed by Rivero, 1984 "1982", Mem. Soc. Cien. Nat. La Salle, 118:91.

Eleutherodactylus brittoni

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus brocchi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus bromeliaceus

DISTRIBUTION: Change to read: Amazonian slopes of the Andes and Cordillera de Cutucú (1700–2622 m elev.).

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Eleutherodactylus buckleyi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus bufoniformis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus cabrerai

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cacao Lynch, 1992. *Herpetologica*, 48:347.

TYPE(S): Holotype: IND-AN 4602.

TYPE LOCALITY: Quebrada Sopladero, 2190 m, Parque Nacional Natural de Munchique, road from Uribe to La Gallera (approximately Km 54), Municipio El Tambo, Departamento Cauca, Colombia.

DISTRIBUTION: Vicinity of the type locality at elevations of 2200–2600 m on the Pacific slopes of the Cordillera Occidental in southwestern Colombia.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus cadenai Lynch, 1986. *Caldasia*, 15:504.

TYPE(S): Holotype: ICN 13631.

TYPE LOCALITY: Alto Río Cuevas, 1900 m, road between Nutibara and La Blanquita, Corregimiento de Murri, Municipio Frontino, Departamento Antioquia, Colombia.

DISTRIBUTION: Type locality in the Cordillera Occidental, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus sulcatus* group according to original description.

Eleutherodactylus cajamarcensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus calcaratus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus calcarulatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus caprifer

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus caribe Hedges and Thomas, 1992. *J. Herpetol.*, 26:191.

TYPE(S): Holotype: USNM 314177.

TYPE LOCALITY: 2.6 km SW Dame-Marie, Dept. de la Grand'Anse, Haiti.

DISTRIBUTION: Known only from a coastal marsh on the western tip of the Tiburon Peninsula, Haiti.

COMMENT: Subgenus *Euhyas*; placed in the *Eleutherodactylus bakeri* series according to original description.

Eleutherodactylus carmelitae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus carvalhoi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus caryophyllaceus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cavernicola

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus celator

DISTRIBUTION: Change to read: Cloud forests (1780–2700 m) on Pacific versant of Cordillera Occidental in northern Ecuador and southern Colombia.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Lynch and Burrowes, 1990, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 136:6.

Eleutherodactylus cerasinus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cerastes

COMMENT: Change to read: Subgenus *Eleutherodactylus*.

Eleutherodactylus chac Savage, 1987. Fieldiana: Zool., N.S., 33:31.

TYPE(S): Holotype: KU 186243.

TYPE LOCALITY: 12.6 km west of Santo Tomás, Departamento Izabal, Guatemala.

DISTRIBUTION: Lowland and premontane evergreen forests of the Atlantic versant at the base of the Yucatan Peninsula in Guatemala, Belize, and northern Honduras.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus gollmeri* group according to original description.

Eleutherodactylus chalceus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cheiroplethus Lynch, 1990. Herpetologica, 46:136.

TYPE(S): Holotype: ICN 18013.

TYPE LOCALITY: Quebrada El Silencio 1480–1540 m, approximately 5 km above the INDERENA cabaña “Río Calles” (Parque Nacional Natural “Las Orquídeas”), Vereda Río Calles, Municipio Urrao, Departamento Antioquia, Colombia.

DISTRIBUTION: Moderate elevations (1140–1540 m) on the western slopes of the northern part of the Cordillera Occidental of the Andes in Colombia.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus rugulosus* group according to original description.

Eleutherodactylus chiasonotus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus chloronotus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus chlorophenax

COMMENT: Change to read: Subgenus *Pelorius*.

Eleutherodactylus chlorosoma Rivero, 1984 “1982”. Mem. Soc. Cien. Nat. La Salle, 118:59.

TYPE(S): Holotype: UPRM 4958.

TYPE LOCALITY: “La Loma, entre el Zumbador y Queniquea, Edo. Mérida, Venezuela, 2,225 m.”

DISTRIBUTION: Southern slopes (900–2300 m) of the Mérida Andes in Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus tubernasus* subgroup of the *Eleutherodactylus unistrigatus* group according to the original description.

Eleutherodactylus chrysozetes McCranie, Savage, and Wilson, 1989. Proc. Biol. Soc. Washington, 102:483.

TYPE(S): Holotype: KU 209035.

TYPE LOCALITY: Quebrada del Oro (15°38'N, 86°47'W), 880 m, tributary of the Río Viejo, south

slope of Cerro Cordillera de Nombre de Dios, Departamento Atlántida, Honduras.

DISTRIBUTION: Known only from the type locality in northern Honduras.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus milesi* group according to original description.

Eleutherodactylus citriogaster Duellman, 1992. Rev. Española Herp., 6:24.

TYPE(S): Holotype: KU 212277.

TYPE LOCALITY: Cataratas Ahuashiyacu (06°30'S, 76°20'W, 730 m), 14 km (bt road) NE of Tarapoto, Provincia San Martín, Departamento San Martín, Peru.

DISTRIBUTION: Low elevations (600–800 m) on foothills of Andes in northeastern Peru.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus conspicillatus* group according to original description.

Eleutherodactylus cochranæ

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*. Line 4, change to read: Includes *Eleutherodactylus ramosi* according to Joglar and Rivero, 1986, Caribb. J. Sci., 22:123.

Eleutherodactylus colodactylus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus colostichos

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus condor

DISTRIBUTION: Change to read: Cordillera del Cóndor and Cordillera de Cutucú in southern Ecuador.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125-142.

Eleutherodactylus conspicillatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cooki

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus coqui

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cornutus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus corona Hedges and Thomas, 1992. Herpetologica, 48:351.

TYPE(S): Holotype: USNM 310824.

TYPE LOCALITY: Caye Paul (10.7 km WNW Les Platons), 1120 m, Dépt. du Sud, Haiti.

DISTRIBUTION: Type locality in the Massif de la Hotte, Tiburon Peninsula, Haiti.

COMMENT: Subgenus *Euhyas* according to original description.

Eleutherodactylus cosnipatae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus counouspeus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus crassidigitus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus cremnobates

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus crenunguis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cristinae Lynch and Ruíz-Carranza, 1985. Occas. Pap. Mus. Zool. Univ. Michigan, 711:10.

TYPE(S): Holotype: KU 168558.

TYPE LOCALITY: West slope of Cerro Kennedy, 10 km E El Campano, Municipio Santa Marta, Departamento Magdalena, Colombia.

DISTRIBUTION: Northern and western slopes (1530–2200 m) of Sierra Nevada de Santa Marta, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group.

Eleutherodactylus croceoinguinis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus crucifer

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cruentus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cruralis

TYPE LOCALITY: Add to end: Probably in error according to Lynch, 1989, Contr. Biol. Geol. Milwaukee Publ. Mus., 79:9

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*. Add to end: Synonymy includes *Hylodes granulosus* Boulenger, 1903, according to Lynch, 1989, Contr. Biol. Geol. Milwaukee Publ. Mus., 79:7.

Eleutherodactylus cruzi McCranie, Savage, and Wilson, 1989. Proc. Biol. Soc. Washington, 102:485.

TYPE(S): Holotype: KU 209037.

TYPE LOCALITY: South slope of Cerro Búfalo (15°38'N, 86°47'W), 1520 m, Cordillera de Nombre de Dios, Departamento Atlántida, Honduras.

DISTRIBUTION: Known only from the type locality in northern Honduras.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus milesi* group according to original description.

Eleutherodactylus cryophilus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cryptomelas

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus cuaquero

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus cubanus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus cundalli

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus cuneatus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus curtipes

COMMENT: Change to read: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus curtipes* assembly of the *Eleutherodactylus unistrigatus* group. Includes *Eleutherodactylus anae* Rivero, 1986, according to Wiens and Coloma, 1992, J. Herpetol., 26:204; also *Hylodes whymperi* Boulenger, 1882, and *Hyla chimboe* Fowler, 1913, according to Lynch, 1981, Misc. Publ. Mus. Nat. Hist. Univ. Kansas, 72:7, who also described geographic variation.

Eleutherodactylus cystignathoides (Cope, 1877).

Changed from: *Syrrhophus cystignathoides*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus danae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus darlingtoni

DISTRIBUTION: Change to read: Central part of Massif de La Selle in southeastern Haiti.

COMMENT: Change to read: Subgenus *Euhyas*. Reviewed by Hedges, 1992, Caribb. J. Sci., 28:11–16.

Eleutherodactylus daryi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus decoratus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus delicatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus dennisi (Lynch, 1970).

Changed from: *Syrrhophus dennisi*.

ORIGINAL NAME: *Syrrhophus dennisi*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus devillei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus diadematus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus diaphonus Lynch, 1986. Caldasia, 15:633.

TYPE(S): Holotype: KU 168852.

TYPE LOCALITY: Río Calima, 1.5 km west of Lago Calima, 1230 m, Departamento Valle del Cauca, Colombia.

DISTRIBUTION: Vicinity of the type locality on the western slopes of the Cordillera Occidental, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus diastema

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus dilatus (Davis and Dixon, 1955).

Changed from: *Tomodactylus dilatus*.

ORIGINAL NAME: *Tomodactylus dilatus*.

COMMENT: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus dimidiatus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus discoidalis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus dixonii Lynch 1991. *Copeia*, 1991:1138.

ORIGINAL NAME: *Tomodactylus albolabris*.

TYPE(S): Holotype: FMNH 100082 (formerly EHT-HMS 29568).

TYPE LOCALITY: "Agua del Obsipo, Guerrero, (km. 351)", Mexico.

DISTRIBUTION: Central Guerrero, Mexico.

COMMENT: Subgenus *Syrrhophus*. *Eleutherodactylus dixonii* is a replacement name for *Eleutherodactylus albolabris* (Taylor 1943), a junior secondary homonym of *Eleutherodactylus albolabris* (Taylor, 1940) resulting from the inclusion of *Tomodactylus* in the genus *Eleutherodactylus* by Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus dolomedes Hedges and Thomas, 1992. *Herpetologica*, 48:356.

TYPE(S): Holotype: USNM 309780.

TYPE LOCALITY: Caye Paul (10.7 km WNW Les Platon), 1120 m, Dépt. du Sud, Haiti.

DISTRIBUTION: Type locality in the Massif de la Hotte, Tiburon Peninsula, Haiti.

COMMENT: Subgenus *Euhyas* according to original description.

Eleutherodactylus dolops

COMMENT: Change to read: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus dolops* group according to Lynch, 1989, *Contr. Biol. Geol. Milwaukee Publ. Mus.*, 79:1-25.

Eleutherodactylus dorsopictus Rivero and Serna, 1987. *Caribb. J. Sci.*, 23:392.

TYPE(S): Holotype: CSJ 1530.

TYPE LOCALITY: Páramo de Sonsón, between municipios de Sonsón and Nariño, Departamento Antioquia, Colombia.

DISTRIBUTION: Known only from the type locality in the Cordillera Central in northern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus lacrimosus* assemblage of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus duellmani

DISTRIBUTION: Change to read: Cloud forests (1780–2700 m) on Pacific slopes of Cordillera Occidental in northern Ecuador and southern Colombia.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Lynch and Burrowes, 1990, *Occas. Pap. Mus. Nat. Hist. Univ. Kansas*, 136:6.

Eleutherodactylus eileenae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus elassodiscus

COMMENT: Change to read: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus nigrovittatus* group according to Lynch, 1989, Contr. Biol. Geol. Milwaukee Publ. Mus., 79:1–25.

Eleutherodactylus elegans

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus emcelae Lynch, 1985. Herpetologica, 41:443.

TYPE(S): Holotype: KU 115241.

TYPE LOCALITY: Río Claro near its junction with Río Changena, Provincia Bocas del Toro, Panama, 910 m.

DISTRIBUTION: Moderate elevations (910—1450 m) on the north slopes of the Cordillera Talamanca in western Panama.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus melanostictus* group according to original description.

Eleutherodactylus emiliae

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus eneidae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus epipedus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus eremitus

DISTRIBUTION: Change to read: Cloud forests (1540–2100 m) on the Pacific slopes of the Cordillera Occidental in Ecuador and extreme southwestern Colombia.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Lynch and Burrowes, 1990, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 136:6.

Eleutherodactylus eriphus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ernesti Flores, 1987. Herpetologica, 43:91.

TYPE(S): Holotype: MCZ 104089.

TYPE LOCALITY: Peak of Volcán Sumaco (00°35'S, 77°37'W), 3900 m, Provincia Napo, Ecuador.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus escoces

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus etheridgei

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus eunaster

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus eurydactylus Hedges and Schlüter, 1992. Copeia, 1992:1002.

TYPE(S): Holotype: ZMH A01819.

TYPE LOCALITY: Panguana, 200 m, Departamento Huánuco, Peru.

DISTRIBUTION: Amazonian lowlands and Serranía de Sira (200–1380 m) in east-central Peru.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus fenestratus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*. Change second sentence to read: Includes *Lithodytes cinereus* Cope, 1885, according to Lynch, 1988, Copeia, 1988:254–256, and *Eleutherodactylus* ...

Eleutherodactylus fitzingeri

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus flavescens

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus fleischmanni

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus fowleri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus frater

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus fraudator Lynch and McDiarmid, 1987. Proc. Biol. Soc. Washington, 100:337.

TYPE(S): Holotype: USNM 257847.

TYPE LOCALITY: 73.5 km from Cochabamba on Cochabamba to Villa Tunari–road, ca. 2690 m, Provincia Chapare, Bolivia.

DISTRIBUTION: Type locality on the eastern slopes of the Andes in Bolivia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus conspicillatus* group according to original description.

Eleutherodactylus furcyensis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus fuscus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus gaigeae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus galdi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ganonotus Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:133.

TYPE(S): Holotype: ANSP 29279.

TYPE LOCALITY: Camp 2 “Yapita,” 1700 m, on the trail from Logroño to Yaupi, west slope of Cordillera de Cutucú, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Known only from the type locality in the Cordillera de Cutucú in southern Ecuador.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus ginesi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*. Add to end: See Rivero, 1984 "1982", Mem. Soc. Cienc. Nat. La Salle, 118:27–31, for discussion.

Eleutherodactylus gladiator

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus glandulifer

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus glanduliferoides

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus glandulosus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus glaphycompus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus glaucoreius Schwartz and Fowler, 1973. Stud. Fauna Curaçao and other Caribb. Is., 43:73.

ORIGINAL NAME: *Eleutherodactylus cundalli glaucoreius*.

TYPE(S): Holotype: MCZ 43320.

TYPE LOCALITY: 7.2 km south of Fair Prospect, Portland Parish, Jamaica.

DISTRIBUTION: Eastern Jamaica (Portland, St. Andrews, and St. Thomas parishes) from sea level to 1650 m.

COMMENT: Subgenus *Euhyas*. Recognized as a distinct species by Hedges, 1989, Evol. Biogeogr. West Indian Frogs:321.

Eleutherodactylus glaucus

COMMENT: Change to read: Ford and Savage, 1984, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 110:7, questioned the inclusion of this species in any species group. Lynch, 1986, Herpetologica, 42:255, did not assign this species to a subgenus.

Eleutherodactylus gollmeri

COMMENT: Change to read: Subgenus *Craugastor*. In the *Eleutherodactylus gollmeri* group according to Savage, 1987, Fieldiana: Zool., 33:1–57.

Eleutherodactylus gossei

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus grabhami

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus gracilis Lynch, 1986. Caldasia, 15:636.

TYPE(S): Holotype: ICN 7872.

TYPE LOCALITY: Peñas Blancas, 6 km by road southwest of Pichindé, Farallones de Cali, Municipio Cali, Departamento Valle del Cauca, Colombia.

DISTRIBUTION: Eastern slopes of the Cordillera Occidental and western slopes of the the Cordillera Central in southern Colombia.

Eleutherodactylus grahami

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus grandiceps Lynch, 1984. Contr. Biol. Geol. Milwaukee Publ. Mus., 60:7.

TYPE(S): Holotype: ICN 12481.

TYPE LOCALITY: "Bogotacito," km 55-56, Duitama-Charalá road, Municipio Gambita,

Departamento Santander, Colombia, ca. 2400 m.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus grandis (Dixon, 1957).

Changed from: *Tomodactylus grandis*.

ORIGINAL NAME: *Tomodactylus grandis*.

COMMENT: Insert as first sentence: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus grandoculis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus granulosis

Delete. Synonym of *Eleutherodactylus cruralis* (Boulenger, 1902).

Authority: Lynch, 1989, Contr. Biol. Geol. Milwaukee Publ. Mus., 79:7.

Eleutherodactylus greggi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus greyi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus griphus Crombie, 1986. Trans. San Diego Soc. Nat. Hist., 21:146.

TYPE(S): Holotype: USNM 250000.

TYPE LOCALITY: "Vicinity of the 'the cave,' about 7 mi (11.2 km) WNW Quick Step, Trelawny Parish, Jamaica."

DISTRIBUTION: Mesic forests of the Cockpit Country, Trelawny Parish, west-central Jamaica.

COMMENT: Subgenus *Euhyas*.

Eleutherodactylus gryllus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus gualteri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus guanahacabibes Estrada and Novo Rodríguez, 1985. Poeyana, 303:2.

TYPE(S): Holotype: CZACC 4.11900.

TYPE LOCALITY: Cueva de la Barca, Bolondrón, 15 km E Cabo San Antonio, Guanahacabibes, Municipio Sandino, Provincia Pinar del Río, Cuba.

DISTRIBUTION: Peninsula de Guanahacabibes, Pinar del Río, Cuba.

COMMENT: Subgenus *Euhyas*. In the *Eleutherodactylus ricordii* group.

Eleutherodactylus guantanamera Hedges, Estrada, and Thomas, 1992. Herpetol. Monogr., 6:76.

TYPE(S): Holotype: MNHNCU 589.

TYPE LOCALITY: El Molino, 405 m, 7 km west of Palenque, Guantánamo Province, Cuba.

DISTRIBUTION: Uplands in southern part of eastern Cuba.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus guentheri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus guerreroensis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus gularis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus gundlachi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus guttilatus (Cope, 1879).

Changed from: *Syrrhophus guttilatus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus gutturalis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus haitianus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus hectus Lynch and Burrowes, 1990. *Occas Pap. Mus. Nat. Hist. Univ. Kansas*, 136:11.

TYPE(S): Holotype: IND-AN 1947.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus hedricki

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus helonotus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus heminota

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus hernandezi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus heterodactylus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus hobartsmithi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus hoehnei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus holti Cochran, 1948. Am. Mus. Novit., 1375:1.

ORIGINAL NAME: *Eleutherodactylus unistrigatus holti*.

TYPE(S): AMNH 17061.

TYPE LOCALITY: "Alto Itatiaia, Itatiaia, state of Rio de Janeiro, Brazil."

DISTRIBUTION: Highlands of Itatiaia, Rio de Janeiro, Brazil.

COMMENT: Subgenus *Eleutherodactylus*. Recognized as a distinct species by Heyer, 1985, Proc. Biol. Soc. Washington, 98:663.

Eleutherodactylus hybtragus Lynch, 1992. J. Herpetol. 26:54.

TYPE(S): Holotype: ICN 13337.

TYPE LOCALITY: Campamento Agua Bonita, 300 m, Vereda Alegre, Municipio Restrepo, Departamento Valle del Cauca, Colombia.

DISTRIBUTION: Pacific lowlands in Departamento Valle del Cauca in southwestern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus loustes* group according to original description.

Eleutherodactylus hylaeformis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus hypostenor

COMMENT: Change first sentence to read: Subgenus *Pelorius*.

Eleutherodactylus ignicolor

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus imitatrix

DISTRIBUTION: Change to read: Amazon Basin in central and southern Peru.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: WED—KU specimens.

Eleutherodactylus incanus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus incomptus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ingeri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus inguinalis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus inoptatus

COMMENT: Change to read: Subgenus *Pelorius*.

Eleutherodactylus insignatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus intermedius

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus interorbitalis (Langebartel and Shannon, 1956).

Changed from: *Syrrhophus interorbitalis*.

ORIGINAL NAME: *Syrrhophus interorbitalis*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus inusitatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ionthus Schwartz, 1960. *Reading Public Mus. and Art Gallery Sci. Bull.*, 11:6.

ORIGINAL NAME: *Eleutherodactylus varians ionthus*.

TYPE(S): Holotype: AMNH 63414.

TYPE LOCALITY: 6 miles east of La Maya, "Oriente Province," Cuba.

DISTRIBUTION: Southern Santiago de Cuba Province, Cuba.

COMMENT: Subgenus *Eleutherodactylus*. Recognized as a distinct species by Hedges, Estrada, and Thomas, 1992, *Herpetol. Monogr.*, 6:67–70.

Eleutherodactylus izecksohni Caramaschi and Kristeumacher, 1988. *Herpetologica*, 44:423.

TYPE(S): Holotype: MN 4217.

TYPE LOCALITY: Parque das Mangabeiras, City of Belo Horizonte (19°55'S, 43°56'W), 850 m, Estado do Minas Gerais, Brazil.

DISTRIBUTION: Serra do Curral of the Espinhaço Mountains in Minas Gerais, Brazil.

COMMENT: Subgenus *Eleutherodactylus*. Related to *Eleutherodactylus guentheri* according to original description.

Eleutherodactylus jaimeí Lynch, 1992. *J. Herpetol.*, 26:57.

TYPE(S): Holotype: ICN 13344.

TYPE LOCALITY: Finca La Playa, (or La Primavera), along banks of Río San Joaquín, just below Km 75 (from El Tambo), 1200–1500 m, Municipio El Tambo, Departamento Cauca, Colombia.

DISTRIBUTION: Moderate elevations on Pacific slopes of Cordillera Occidental in Departamento Cauca in southwestern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus loustes* group according to original description.

Eleutherodactylus jamaicensis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus jasperi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus johannesdei Rivero and Serna, 1987. *Caribb. J. Sci.*, 23:386.

TYPE(S): Holotype: CSJ 288.

TYPE LOCALITY: Urrao, Parque de las Orquídeas, 1700–1800 m, Departamento de Antioquia, Colombia.

DISTRIBUTION: Known only from the type locality in the Cordillera Occidental in northern Colombia.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus fitzingeri* group according to original description.

Eleutherodactylus johnstonei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus jota

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus jugans

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus juipoca

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus junori

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus karlschmidti

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus katoptroides Flores, 1988. J. Herpetol. 22:37.

TYPE(S): Holotype: MCZ 90012.

TYPE LOCALITY: 1 km west of Puyo (01°28'S, 78°00'W), 1000–1050 m, Provincia Pastaza, Ecuador.

DISTRIBUTION: Known only from type locality at the base of the Andes in Amazonian Ecuador.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus crucifer* assemblage according to original description.

Eleutherodactylus kirklandi Flores, 1985. Herpetologica, 41:448.

TYPE(S): Holotype: MCZ 104140.

TYPE LOCALITY: Cuyuja (= Cuyujua), Provincia Napo, Ecuador, 2200 m.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus klinikowskii

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus lacrimosus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lacteus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lamprotes

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lancinii

COMMENT: Subgenus *Eleutherodactylus*. Add to end: See Rivero, 1984 “1982”, Mem. Soc. Cienc. Nat. La Salle, 118:34–38, for discussion.

Eleutherodactylus lanthanites

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus latens Lynch, 1989. Milwaukee Publ. Mus. Contr. Sci., 79:13.

TYPE(S): Holotype: ICN 6346.

TYPE LOCALITY: Boqueron, 2800–3000 m in Serranía Las Valdías, Municipio Medellín, Departamento Antioquia, Colombia.

DISTRIBUTION: High elevations (2720–3000 m) in the northern part of the Cordillera Central in northern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus nigrovittatus* group according to original description.

Eleutherodactylus laticeps

DISTRIBUTION: Change to read: Atlantic slopes and lowlands from the Sierra de Los Tuxtlas in southern Veracruz, Mexico, to Honduras.

COMMENT: Change to read: Subgenus *Craugastor*. In the *Eleutherodactylus gollmeri* group. Synonymy includes *Eleutherodactylus stantoni* Schmidt, 1941, and *Eleutherodactylus werleri* Lynch and Fritts, 1965, according to Savage, 1987, Fieldiana: Zool., 33:1–57.

Eleutherodactylus laticlavus Lynch and Burrowes, 1990. Occas Pap. Mus. Nat. Hist. Univ. Kansas, 136:14.

TYPE(S): Holotype: IND-AN 1564.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus latidiscus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus leberi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lentiginosus Rivero, 1984 “1982”. Mem. Soc. Cien. Nat. La Salle, 118:84.

TYPE(S): Holotype: UPRM 6060.

TYPE LOCALITY: “Guacharaquita, 1.768 m., entre La Grita y Páramo de la Negra, Edo. Táchira, Venezuela.”

DISTRIBUTION: Type locality in the western part of the Mérida Andes of Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus lentiginosus* complex of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus lentus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus leoncei

COMMENT: Change to read: Subgenus *Euhyas*. Reviewed by Hedges, 1992, Caribb. J. Sci., 28:11–16.

Eleutherodactylus leoni

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus leprus (Cope, 1879).

Changed from: *Syrrhophus leprus*.

ORIGINAL NAME: *Syrrhophus leprus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus leptolophus

DISTRIBUTION: Change to read: Volcanos in the Cordillera Central in southern Colombia.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.
Authority: Lynch, 1991, J. Herpetol. 25:345.

Eleutherodactylus leucopus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus limbatus (Cope, 1862).

Changed from: *Sminthillus limbatus*.

COMMENT: Subgenus *Euhyas*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus lindae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lineatus

TYPE LOCALITY: Change to read: "Attitlan (Mexico)" [= Atitlán, Guatemala].

DISTRIBUTION: Change to read: Atlantic and Pacific slopes of southern Mexico (eastern Oaxaca and Chiapas) and Guatemala.

COMMENT: Change to read: Subgenus *Craugastor*. In the *Eleutherodactylus gollmeri* group.

Synonymy includes *Eleutherodactylus anzuetoi* Stuart, 1941, and *Eleutherodactylus macedougalli* Taylor, 1942, according to Savage, 1987, Fieldiana: Zool., 33:1–57.

Eleutherodactylus lividus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus locustus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus longipes (Baird, 1859).

Changed from: *Syrrhophus longipes*.

TYPE LOCALITY: Change to read: 40 leagues [probably north] from Mexico City [Mexico].

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus longirostris

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus loustes

DISTRIBUTION: Change to read: Cloud forest (1410–1780 m) on Pacific slopes of Cordillera Occidentalis in extreme northern Ecuador and southern Colombia.

Authority: Lynch and Burrowes, 1990, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 136:7.

COMMENT: Change to read: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus loustes* group according to Lynch, 1992, J. Herpetol., 26:53–59.

Eleutherodactylus lucioi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus luteolateralis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus luteolus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus lutitus Lynch, 1984. Contr. Biol. Geol. Milwaukee Publ. Mus., 60:10.

TYPE(S): Holotype: ICN 5192.

TYPE LOCALITY: Headwaters of Río Luisito, Municipio Charalá, Departamento Santander, Colombia, 1750 m.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus lymani

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lynchi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus lythrodes

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus macdougalli

Delete: Synonym of *Eleutherodactylus lineatus*.

Authority: Savage, 1987, Fieldiana: Zool., 57:1–57.

Eleutherodactylus maculosus Lynch, 1991. J. Herpetol., 25:349.

TYPE(S): Holotype: ICN 8591.

TYPE LOCALITY: Quebrada Los Patos, 2620 m, 3.7 km by road north of Belmira, Vereda Los Patos, Municipio Belmira, Departamento Antioquia, Colombia.

DISTRIBUTION: Northern part of the Cordillera Central in Colombia.

COMMENT: Subgenus *Eleutherodactylus*. Presumably related to *Eleutherodactylus leptolophus* according to original description.

Eleutherodactylus malkini

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus manipus

COMMENT: Change first sentence to read: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus nigrovittatus* group according to Lynch, 1989, Contr. Biol. Geol. Milwaukee Publ. Mus., 79:1–25.

Eleutherodactylus mariposa Hedges, Estrada, and Thomas, 1992. Herpetol. Monogr., 6: 78.

TYPE(S): Holotype: MNHNCU 591.

TYPE LOCALITY: 5.4 km west-southwest of Tagua, 720 m, Meseta del Guaso, Guantánamo Province, Cuba.

DISTRIBUTION: Known only from the type locality on the Meseta del Guaso in eastern Cuba.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus marmoratus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus marnockii (Cope, 1878).

Changed from: *Syrhophus marnockii*.

ORIGINAL NAME: *Syrhophus marnockii*.

COMMENT: Change to read: Subgenus *Syrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus martiae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus martinicensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus matudai

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus maurus Hedges, 1989. *Evol. Biogeogr. West Indian Frogs*:319.

TYPE(S): Holotype: TCWC 11252.

TYPE LOCALITY: "1.5 miles southeast of Huitzilac, 7800 feet, Guerrero, México."

DISTRIBUTION: Southeastern Michoacán to Morelos, Mexico.

COMMENT: Subgenus *Syrrhophus*. *Eleutherodactylus maurus* is a replacement name for *Tomodactylus fuscus* Davis and Dixon, 1955, *Herpetologica*, 11:157, which is preoccupied by *Eleutherodactylus fuscus* Lynn and Dent, 1943.

Eleutherodactylus maussi

COMMENT: Change to read: Subgenus *Craugastor*.

Eleutherodactylus megalops

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus megalotympanum

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus melacara Hedges, Estrada, and Thomas, 1992. *Herpetol. Monogr.*, 6:70.

TYPE(S): Holotype: MNHNCU 252.

TYPE LOCALITY: Estribo Turquino, 1700 m, 1–2 km north of Pico Turquino, Santiago de Cuba Province, Cuba.

DISTRIBUTION: Vicinity of type locality in southeastern Cuba.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus melanoproctus Rivero, 1984 "1982". *Mem. Soc. Cien. Nat. La Salle*, 118:75.

TYPE(S): Holotype: UPRM 4407.

TYPE LOCALITY: "15 km. Delicias a Rubio, 1,800 m. Edo Táchia, Venezuela."

DISTRIBUTION: Type locality on eastern slopes of Cordillera Oriental in Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In *Eleutherodactylus lentiginosus* complex of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus melanostictus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus mendax

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus mercedesae Lynch and McDiarmid, 1987. *Proc. Biol. Soc. Washington*, 100:340.

TYPE(S): Holotype: USNM 257848.

TYPE LOCALITY: 3.3 km north of Cochabamba to Villa Tunari road on road to San Onofre, at a point 97.5 km Cochabamba, ca. 1690 m, Provincia Chapare, Bolivia.

DISTRIBUTION: Moderate elevations (1690–1950 m) on the eastern slopes of the Andes in Bolivia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus meredonensis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus merostictus Lynch, 1984. *Contr. Biol. Geol. Milwaukee Publ. Mus.*, 60:12.

TYPE(S): Holotype: ICN 12468.

TYPE LOCALITY: “Bogotacito,” km 55-56 on Duitama-Charalá road, Municipio Gambita, Departamento Santander, Colombia.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus mexicanus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus milesi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus mimus

COMMENT: Change to read: Subgenus *Craugastor*. In the *Eleutherodactylus gollmeri* group according to Savage, 1987, Fieldiana: Zool., 33:1–57.

Eleutherodactylus minutus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus miyatai Lynch, 1984. Contr. Biol. Geol. Milwaukee Publ. Mus., 60:14.

TYPE(S): Holotype: ICN 5165.

TYPE LOCALITY: Road to El Reloj, Vereda Virolín, Municipio Charalá, Departamento Santander, Colombia, 1740 m.

DISTRIBUTION: Western slopes of Cordillera Oriental in Departamento Santander, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus modestus (Taylor, 1942).

Changed from: *Syrrhophus modestus*.

ORIGINAL NAME: *Syrrhophus modestus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus modipeplus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus molybrignus Lynch, 1986. Caldasia, 15:641,

TYPE(S): Holotype: ICN 7895.

TYPE LOCALITY: Quebrada Sopladero, 33 km by road north-northwest of Uribe, 2190 m, Municipio de Tambo, Departamento de Cauca, Colombia.

DISTRIBUTION: Western slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus mondolfii Rivero, 1984 “1982”. Mem. Soc. Cien. Nat. La Salle, 118:71.

TYPE(S): Holotype: UPRM 6082.

TYPE LOCALITY: “Matamula, Municipio Delicias 1.120 m, Edo. Táchira, Venezuela.”

DISTRIBUTION: Type locality on the eastern slopes of the Cordillera Oriental in Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus lentiginosus* complex of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus monensis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus monnichorum

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus montanus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus moro

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus muricatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus myersi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus nasutus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus nebulosus Henle, 1992. Bonn Zool. Beitr., 43:86.

TYPE(S): Holotype: ZFMK 27634.

TYPE LOCALITY: Pass of Central Highway at 1650 m, Cordillera Azul, Departamento Huánuco, Peru.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus fitzingeri* (= *conspicillatus*) group according to original description.

Eleutherodactylus necerus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus neodreptus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus nicefori

DISTRIBUTION: Change to read: Páramos of the northern Cordillera Oriental of Colombia and extreme western Venezuela.

Authority: LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:40.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus nigriventris

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus nigrogriseus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus nigrovittatus

COMMENT: Change first sentence to read: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus nigrovittatus* group according to Lynch, 1989, Contr. Biol. Geol. Milwaukee Publ. Mus., 79:1–25.

Eleutherodactylus nitidus (Peters, 1869).

Changed from: *Tomodactylus nitidus*.

COMMENT: Insert as first sentence: Subgenus *Syrrophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus nivicolimae (Dixon and Webb, 1966).

Changed from: *Syrrophus nivicolimae*.

ORIGINAL NAME: *Syrrhophus nivicolimae*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus noblei

COMMENT: Change to read: Subgenus *Craugastor*. In the *Eleutherodactylus noblei* group according to Savage, 1987, *Fieldiana: Zool.* 33:1–57.

Eleutherodactylus nortoni

COMMENT: Change to read: Subgenus *Pelorius*.

Eleutherodactylus nubicola

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus nyctophylax

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus obmutescens

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus occidentalis Taylor, 1941.

Changed from: *Hylactophryne occidentalis*.

ORIGINAL NAME: Delete.

COMMENT: Change to read: Subgenus *Craugastor*. *Eleutherodactylus occidentalis* is a replacement name for *Eleutherodactylus mexicanus* Boulenger, 1898, *Proc. Zool. Soc. London*, 1898:477, which was preoccupied by *Leiuperus mexicanus* Brocchi, 1879.

Authority: Lynch, 1986, *Herpetologica*, 42:248–258.

Eleutherodactylus ocellatus Lynch and Burrowes, 1990. *Occas Pap. Mus. Nat. Hist. Univ. Kansas*, 136:18.

TYPE(S): Holotype: IND-AN 1441.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus ockendeni

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ocreatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus octavioi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus oeus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus omiltemanus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus orcesi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus orcutti

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus orestes

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ornatissimus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus orcostalis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus orphnolaimus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus oxyrhynchus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus pallidus (Duellman, 1958).

Changed from: *Syrrhophus pallidus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus palmeri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pantoni

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus parabates

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus paramerus Rivero, 1984 "1982". *Mem. Soc. Cien. Nat. La Salle*, 118:20.

TYPE(S): Holotype: UPRM 2926.

TYPE LOCALITY: "Páramo de Santo Domingo, región de Mucuchíes, Edo. Mérida, Venezuela, 3,330 m."

DISTRIBUTION: Páramos in the Mérida Andes in the Estado de Mérida, Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus parapelates Hedges and Thomas, 1987. *Herpetologica*, 43:269.

TYPE(S): Holotype: USNM 257716.

TYPE LOCALITY: 0.1 km north of Castillon [7.9 km south, 0.3 km E Marché Léon (airline distance), 18°28'07"N, 74°06'58"W], 960 m, Dept. de la Grand Anse, Haiti.

DISTRIBUTION: Massif de la Hotte, southwestern Haiti.

COMMENT: Subgenus *Pelorius*.

Eleutherodactylus pardalis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus parvillus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus parvus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pastazensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus patriciae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus paulodutraii

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus paulsoni

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus paululus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pecki Duellman and Lynch, 1988. Proc. Acad. Nat. Sci. Philadelphia, 140:135.

TYPE(S): Holotype: KU 147040.

TYPE LOCALITY: Río Piuntza, 1550 m, Cordillera del Cóndor, Provincia Morona-Santiago, Ecuador.

DISTRIBUTION: Cordillera del Cóndor and Cordillera de Cutucú in southern Ecuador.

COMMENT: Subgenus *Eleutherodactylus*. Related to *Eleutherodactylus frater*, *incomptus*, and *ockendeni* according to original description.

Eleutherodactylus pentasyringos Schwartz and Fowler, 1973. Stud. Fauna Curaçao and other Caribb. Is., 43:114.

ORIGINAL NAME: *Eleutherodactylus pantoni pentasyringos*.

TYPE(S): Holotype: MCZ 43333.

TYPE LOCALITY: 7.2 km south of Fair Prospect, Portland Parish, Jamaica.

DISTRIBUTION: Northeastern Jamaica to elevations of about 1270 m in the Blue Mountains and John Crow Mountains.

COMMENT: Subgenus *Euhyas*. Recognized as a distinct species by Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:321.

Eleutherodactylus peraticus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus percultus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus peruvianus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus petersi

Change to: *Eleutherodactylus petersorum*.

Authority: Lynch, 1991, *Copeia*, 1991:1139.

Eleutherodactylus petersorum Lynch, 1991. *Copeia*, 1991:1139.

ORIGINAL NAME: *Eleutherodactylus petersi*.

COMMENT: Change to read: Subgenus *Eleutherodactylus*. *Eleutherodactylus petersorum* is a replacement name for *Eleutherodactylus petersi* Lynch and Duellman, 1980, preoccupied by *Eleutherodactylus petersi* (Duellman, 1954), resulting from the inclusion of *Tomodactylus* in *Eleutherodactylus* by Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus petrobardus Duellman, 1991. Herpetologica, 47:6.

TYPE(S): Holotype: KU 212292.

TYPE LOCALITY: 2 km west of Huambos (06°27'S, 76°57'W, elev. 2500 m), Provincia Chota, Departamento Cajamarca, Peru.

DISTRIBUTION: Known only from the type locality in the Cordillera Occidental in northern Peru.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus pezopetrus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus pharangobates

Delete. Synonym of *Eleutherodactylus rhabdolaemus*.

Authority: Lynch and McDiarmid, 1987, Proc. Biol. Soc. Washington, 100:343–345.

Eleutherodactylus phoxocephalus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus phragmipleuron Rivero and Serna, 1987. Caribb. J. Sci., 23:389.

TYPE(S): Holotype: CSJ 626.

TYPE LOCALITY: Pan de Azúcar, near Medellín, Departamento Antioquia, Colombia.

DISTRIBUTION: Known only from the type locality in the northern part of the Cordillera Central in Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus pictissimus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus pinarensis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus pinchoni

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pipilans (Taylor, 1940).

Changed from: *Syrrhophus pipilans*.

ORIGINAL NAME: *Syrrhophus pipilans*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus pituinus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus planirostris

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus platydactylus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pleurostriatus Rivero, 1984 "1982". Mem. Soc. Cien. Nat. La Salle, 118:88.

TYPE(S): Holotype: UPRM 4971.

TYPE LOCALITY: "San Eusebio, La Carbonera, 2,316 m. Edo. Mérida, Venezuela."

DISTRIBUTION: Type locality on the northern slopes of the Mérida Andes of Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus pliciferus

Change to read: *Eleutherodactylus plicifer* (Boulenger, 1888).

Eleutherodactylus podiciferus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus polymniae Campbell, Lamar, and Hillis, 1989. Proc. Biol. Soc. Washington, 102:492.

TYPE(S): Holotype: UTA A-12976.

TYPE LOCALITY: 0.8 km N Vista Hermosa, 1420 m, Oaxaca, Mexico.

DISTRIBUTION: Known only from the type locality on the northern slopes of the Sierra de Juárez, Oaxaca, Mexico.

COMMENT: Subgenus *Craugastor*. In the *Eleutherodactylus alfredi* group according to original description.

Eleutherodactylus poolei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus portoricensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus probolaeus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus prolatus

DISTRIBUTION: Change to read: Cloud forests (1140–1700 m) on the eastern face of the Andes and the Cordillera de Cutucú in Ecuador.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Eleutherodactylus prolixodiscus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus proserpens

DISTRIBUTION: Change to read: Elevations of 1700–2622 m on the Amazonian slopes of the Andes in southern Ecuador and the adjacent Cordillera del Cóndor and Cordillera de Cutucú.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Eleutherodactylus pseudoacuminatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pugnax

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pulidoi Rivero, 1984 “1982”. Mem. Soc. Cien. Nat. La Salle, 118:68.

TYPE(S): Holotype: UPRM 6085.

TYPE LOCALITY: “Matamula, Municipio Delicias, 1.120 m, Edo. Táchira, Venezuela.”

DISTRIBUTION: Type locality on the eastern slopes of the Cordillera Oriental, Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus tubernasus* subgroup of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus pulvinatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus punctariolus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus pusillus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pycnodermis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus pygmaeus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus pyrrhomerus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus quaquaversus

DISTRIBUTION: Change to read: ... south to the Cordillera de Cutucú and Cordillera del Cóndor.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Eleutherodactylus quinquagesimus

DISTRIBUTION: Change to read: Cloud forest (1410–2710 m) on Pacific slopes of Cordillera Occidental in Ecuador and extreme southern Colombia.

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Authority: Lynch and Burrowes, 1990, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 136:7.

Eleutherodactylus racemus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus racenisi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ramagii

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ramosi Rivero, 1959

Delete. Synonym of *Eleutherodactylus cochranæ*.

Authority: Joglar and Rivero, 1986, Caribb. J. Sci., 22:123.

Eleutherodactylus rандorum Heyer, 1985. Proc. Biol. Soc. Washington, 98:664.

TYPE(S): Holotype: MZUSP 59936.

TYPE LOCALITY: Boracéia, São Paulo, Brazil, approx. 23°38'S, 45°50'W.

DISTRIBUTION: Type locality in Atlantic forest of coastal Brazil.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus raniformis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus rayo

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus repens

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus reticulatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus rhabdolaemus

DISTRIBUTION: Change to read: Lowland and rainforest and cloud forest (300–2600 m) on the slopes of the Andes from central Peru to Bolivia.

COMMENT: Subgenus *Eleutherodactylus*. Add: Synonymy includes *Eleutherodactylus pharangobates* Duellman, 1978, according to Lynch and McDiarmid, 1987, Proc. Biol. Soc. Washington, 100:343–345.

Eleutherodactylus rhodesi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus rhodopis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus richmondi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ricordii

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus ridens

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus riveti

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ronaldi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus rosadoi Flores, 1988. J. Herpetol., 22:34.

TYPE(S): Holotype: MCZ 92937.

TYPE LOCALITY: Río San Miguel, about 1 km above Río Cayapas (00°45'N, 78°54'W), Provincia Esmeraldas, Ecuador.

DISTRIBUTION: Known only from the type locality in the Pacific lowlands of northwestern Ecuador.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus crucifer* assemblage according to original description.

Eleutherodactylus roseus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus rostralis

COMMENT: Change to read: Subgenus *Craugastor*. In the *Eleutherodactylus gollmeri* group according to Savage, 1987, Fieldiana: Zool., 33:1–57.

Eleutherodactylus rozei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus rubicundus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus rubrimaculatus (Taylor and Smith, 1945).

Changed from: *Syrrhophus rubrimaculatus*.

ORIGINAL NAME: *Syrrhophus rubrimaculatus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus rufescens (Duellman and Dixon, 1959).

Changed from: *Tomodactylus rufescens*.

ORIGINAL NAME: *Tomodactylus rufescens*.

COMMENT: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus rufifemoralis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus rugulosus

DISTRIBUTION: Change to read: From central Guerrero, Mexico, on the Pacific versant and Chiapas, Mexico, on the Atlantic versant, south to western Panama.

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Authority: J. M. Savage (in litt.).

Eleutherodactylus ruidus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ruizi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ruthae

COMMENT: Change to read: Subgenus *Pelorius*. Schwartz, 1965, *Bull. Mus. Comp. Zool.*, 132:479–508, recognized four subspecies.

Eleutherodactylus ruthveni Lynch and Ruíz-Carranza, 1985. *Occas. Pap. Mus. Zool. Univ. Michigan*, 711:28.

TYPE(S): Holotype: ICN 3011.

TYPE LOCALITY: “Serranía Cebolleta, approximately 8 hours by foot E San Pedro de la Sierra,” Municipio Ciénega, Departamento Magdalena, Colombia.

DISTRIBUTION: Type locality and Serranía San Lorenzo in the northwestern part of the Sierra Nevada de Santa Marta, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus salaputium

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus saltator

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus sanctaemartae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus sanmartinensis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus sartori

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus savagei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus saxatilis (Webb, 1962).

Changed from: *Tomodactylus saxatilis*.

ORIGINAL NAME: *Tomodactylus saxatilis*.

COMMENT: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus schmidtii

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus schultzei Duellman, 1990. *J. Herpetol.* 24:348.

TYPE(S): Holotype: KU 212222.

TYPE LOCALITY: 5 km N Levanto (06°17'S, 77°51'W), 2850 m, Provincia Chachapoyas, Departamento Amazonas, Peru.

DISTRIBUTION: Cloud forests in the northern part of the Cordillera Central in Peru.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus schwartzi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus sciagraphus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus scitulus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus scoloblepharus Lynch, 1991. *J. Herpetol.*, 25:350.

TYPE(S): Holotype: ICN 8583.

TYPE LOCALITY: Quebrada Los Patos, 2620 m, 3.7 km by road north of Belmira, Vereda Los Patos, Municipio Belmira, Departamento Antioquia, Colombia.

DISTRIBUTION: Northern part of the Cordillera Central in Colombia.

COMMENT: Subgenus *Eleutherodactylus*. Presumably related to *Eleutherodactylus leptolophus* according to original description.

Eleutherodactylus scolodiscus Lynch and Burrowes, 1990. *Occas Pap. Mus. Nat. Hist. Univ. Kansas*, 136:20.

TYPE(S): Holotype: IND-AN 1416.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus semipalmatus

COMMENT: Change to read: Subgenus *Euhyas*. In the *Eleutherodactylus bakeri* series according to Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:323.

Eleutherodactylus sernai Rivero, 1984. *Caribb. J. Sci.*, 20: 101.

TYPE(S): Holotype: MHNC SJ 301.

TYPE LOCALITY: "Urrao (Pampas), 1700–1800 m, Depto. Antioquia, Colombia."

DISTRIBUTION: Parque de las Orquídeas, Pacific slopes of Cordillera Occidental, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus biporcatus* group according to the original description.

Eleutherodactylus sierramaestrae

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus silvicola

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus simonbolivari Wiens and Coloma, 1992. *J. Herpetol.*, 26:197.

TYPE(S): QCAZ 1459.

TYPE LOCALITY: Bosque Protector Cashca Totoras, 10 km southeast of Santiago on road to Santa Rosa de Totoras (01°42'S, 78°53'W, elev. 3200 m), Provincia Bolívar, Ecuador.

DISTRIBUTION: Vicinity of the type locality at elevations of 3000–3300 m on the western slopes of the Hoya de Chimbo in the Cordillera Occidental, Ecuador.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus myersi* assembly of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus simoterus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus siopelus Lynch and Burrowes, 1990. *Occas Pap. Mus. Nat. Hist. Univ. Kansas*, 136:22.

TYPE(S): Holotype: IND-AN 1563.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. Of unknown relationships according to original description.

Eleutherodactylus sisiphodemus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus sobetes

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus spanios Heyer, 1985. *Proc. Biol. Soc. Washington*, 98:667.

TYPE(S): Holotype: MZUSP 23664.

TYPE LOCALITY: Boracéia, São Paulo, Brazil, approx. 23°38'S, 45°50'W.

DISTRIBUTION: Type locality in Atlantic forest of coastal Brazil.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus spatulatus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus spilogaster Lynch, 1984. Contr. Biol. Geol. Milwaukee Publ. Mus., 60:17.

TYPE(S): Holotype: ICN 12421.

TYPE LOCALITY: "Bogotacito," km 55-56, Duitama-Charalá road, Municipio Gambita, Departamento Santander, Colombia, 2400 m.

DISTRIBUTION: Western slopes of the Cordillera Oriental, Departamento Santander, Colombia.

COMMENT: Subgenus *Eleutherodactylus*.

Eleutherodactylus spinosus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus stantoni

Delete: Synonym of *Eleutherodactylus laticeps*.

Authority: Savage, 1987, Fieldiana: Zool., 33:1-57.

Eleutherodactylus stejnerianus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus stenodiscus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus stuarti

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus subsigillatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus sulcatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus sulculus Lynch and Burrowes, 1990. Occas Pap. Mus. Nat. Hist. Univ. Kansas, 136:24.

TYPE(S): Holotype: IND-AN 1481.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus supernatis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus surdus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus symingtoni

COMMENT: Change to read: Subgenus *Euhyas*. Synonymy includes *Eleutherodactylus delacruz* Estrada, Novo Rodríguez, and Moreno, 1986, according to Estrada, Novo Rodríguez, and Moreno, 1989, Rev. Biol., 3:155-165.

Eleutherodactylus syristes (Hoyt, 1965).

Changed from: *Tomodactylus syristes*.

ORIGINAL NAME: *Tomodactylus syristes*.

COMMENT: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus taeniatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus talamancae

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus tamsitti

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus tarahumaraensis Taylor, 1940.

Changed from: *Hylactophryne tarahumaraensis*.

ORIGINAL NAME: Delete.

COMMENT: Subgenus *Craugastor*.

Authority: Lynch, 1986, *Herpetologica*, 42:248-258.

Eleutherodactylus taurus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus taylori

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus tayrona Lynch and Ruíz-Carranza, 1985. *Occas. Pap. Mus. Zool. Univ. Michigan*, 711:37.

TYPE(S): Holotype: ICN 3060.

TYPE LOCALITY: "Serranía Cebolleta, approximately 8 hours by foot E San Pedro de la Sierra," Municipio de Ciénega, Departamento Magdalena, Colombia, 2450 m.

DISTRIBUTION: Northern and western slopes (1300–2700 m) of the Sierra Nevada de Santa Marta, Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus lacrimosus* assemblage according to original description.

Eleutherodactylus tenebrionis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus teretistes (Duellman, 1958).

Changed from: *Syrrhophus teretistes*.

ORIGINAL NAME: *Syrrhophus teretistes*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus terraebolivaris

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus thectopternis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus thomasi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus thorectes Hedges, 1988. *Copeia*, 1988:636.

TYPE(S): Holotype: FSM 64545.

TYPE LOCALITY: Morne Macaya (18°22'53"N, 74°01'29"W), 2200–2340 m, Department du Sud, Haiti.

DISTRIBUTION: Upper elevations (1860–2340 m) of Massif de la Hotte, Tiburon Peninsula, Haiti.

COMMENT: Subgenus *Euhyas*.

Eleutherodactylus thymalopsoides

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus thymelensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus toa Estrada and Hedges, 1991. Caribb. J. Sci., 27:140.

TYPE(S): Holotype: CARE438.

TYPE LOCALITY: Head of the Río Yarey, Yateras, Guantánamo, Cuba.

DISTRIBUTION: Elevations of 195–900 meters in Guantánamo and Holguín provinces in eastern Cuba.

COMMENT: Subgenus *Euhyas*.

Eleutherodactylus toftae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus trachyblepharis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus trepidotus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus tubernasus Rivero, 1984 “1982”. Mem. Soc. Cien. Nat. La Salle, 118:64.

TYPE(S): Holotype: UPRM 4349.

TYPE LOCALITY: “Boca de Monte, Camino de Pregonero, 2393 m, Edo. Mérida, Venezuela.”

Type locality actually is in Estado Táchira, Venezuela, according to LaMarca, 1992, Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela:44.

DISTRIBUTION: Type locality in the Mérida Andes, Venezuela.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus tubernasus* subgroup of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus turquinensis

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus turumiquirensis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus unicolor

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus unistrigatus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus uno Savage, 1984. Amphibia-Reptilia, 5:253.

TYPE(S): Holotype: UTA (A) 7984.

TYPE LOCALITY: 12.9 km SW Puerto de Gallo, 2034 m, Guerrero, Mexico.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Craugastor*.

Eleutherodactylus uranobates Lynch, 1991. J. Herpetol., 25:346.

TYPE(S): Holotype: ICN 14424.

TYPE LOCALITY: vicinity of Hotel Termas, 3350–3370 m, Municipio Villamaria, Departamento Caldas, Colombia.

DISTRIBUTION: Volcanos in the Cordillera Central in central Colombia.

COMMENT: Subgenus *Eleutherodactylus*. Presumably related to *Eleutherodactylus leptolophus* according to original description.

Eleutherodactylus urichi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus vanadise

COMMENT: Subgenus *Eleutherodactylus*. Add: *Eleutherodactylus cerasoventris* Rivero 1984 “1982” is a synonym, according to Rivero, 1984 “1982”, Mem. Soc. Cien. Nat. La Salle, 118:80.

Eleutherodactylus variabilis

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus varians

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*. Add to end: The subspecies *Eleutherodactylus varians ionthus* was recognized as a distinct species by Hedges, Estrada, and Thomas, 1992, Herpetol. Monogr., 6:67–70.

Eleutherodactylus varleyi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus venancioi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus ventrilineatus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus ventrimarmoratus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus verecundus Lynch and Burrowes, 1990. Occas Pap. Mus. Nat. Hist. Univ. Kansas, 136:26.

TYPE(S): Holotype: IND-AN 1834.

TYPE LOCALITY: Reserva La Planada, 1780 m, 7 km S Chucunés, Municipio Ricuarte, Departamento Nariño, Colombia.

DISTRIBUTION: Known only from the type locality on the Pacific slopes of the Cordillera Occidental in southern Colombia.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus verrucipes (Cope, 1885).

Changed from: *Syrhophus verrucipes*.

ORIGINAL NAME: *Syrhophus verrucipes*.

COMMENT: Change to read: Subgenus *Syrhophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Eleutherodactylus verruculatus (Peters, 1870).

Changed from: *Syrhophus verruculatus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Eleutherodactylus versicolor

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus vicarius

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus vidua

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus vilarsi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus vinhai

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus viridicans

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus vocalis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus vocator

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus w-nigrum

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus walkeri

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus warreni

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus weinlandi

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus werleri

Delete: Synonym of *Eleutherodactylus laticeps*.

Authority: Savage, 1987, *Fieldiana: Zool.*, 33:1–57.

Eleutherodactylus wetmorei

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus wightmanae

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus williamsi

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus xucanebi

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus yucatanensis

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Eleutherodactylus zeuctotylus

COMMENT: Insert as first sentence: Subgenus *Eleutherodactylus*.

Eleutherodactylus zeus

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus zimmermanae Heyer and Hardy, 1991. Proc. Biol. Soc. Washington, 104:436.

TYPE(S): Holotype: MZUSP 64539.

TYPE LOCALITY: "Reservas INPA-WWF-SI, approximately 80 km N of Manaus" (02°20'S, 59°50'W), Estado Amazonas, Brazil.

DISTRIBUTION: Scattered localities in the Amazon Basin.

COMMENT: Subgenus *Eleutherodactylus*. In the *Eleutherodactylus lacrimosus* assemblage of the *Eleutherodactylus unistrigatus* group according to original description.

Eleutherodactylus zugii

COMMENT: Insert as first sentence: Subgenus *Euhyas*.

Eleutherodactylus zygodactylus

COMMENT: Insert as first sentence: Subgenus *Craugastor*.

Euparkerella

DISTRIBUTION: Change to read: Atlantic Coastal Forest in the states of Espírito Santo and Rio de Janeiro, Brazil.

COMMENT: Add to end: Reviewed by Izecksohn, 1988, Rev. Brasil. Biol., 48:59–74.

Euparkerella brasiliensis

DISTRIBUTION: Change to read: Serra dos Orgãos and coastal mountains in southeastern Rio de Janeiro, southeastern Brazil.

Euparkerella cochranæ Izecksohn, 1988. Rev. Brasil. Biol., 48:64.

TYPE(S): Holotype: EI 7278.

TYPE LOCALITY: "Sub-sede do Parque Nacional da Serra dos Orgãos, em Guapimirim, município de Magé, Estado do Rio de Janeiro," Brazil.

DISTRIBUTION: Vicinity of the type locality in southeastern Brazil.

Euparkerella robusta Izecksohn, 1988. Rev. Brasil. Biol., 48:67.

TYPE(S): Holotype: EI 7283.

TYPE LOCALITY: Município de Mimoso do Sul, Estado do Espírito Santo, Brazil.

DISTRIBUTION: Known only from the vicinity of the type locality in extreme southern Espírito Santo, southeastern Brazil.

Euparkerella tridactyla Izecksohn, 1988. Rev. Brasil. Biol., 48:69.

TYPE(S): Holotype: EI 7257.

TYPE LOCALITY: Município de Santa Tereza, Estado do Espírito Santo, Brazil.

DISTRIBUTION: Known only from the type locality in central Espírito Santo, Brazil.

Eupsophus

TYPE SPECIES: Change to read: *Cystignathus roseus* Duméril and Bibron, 1841, by original designation.

COMMENT: Add to end: See Formas, 1985, Proc. Biol. Soc. Washington, 98:411–415, for discussion of intergeneric relationships.

Eupsophus contulmoensis Ortiz, Ibarra-Vidal, and Formas, 1989. Proc. Biol. Soc. Washington, 102:1031.

TYPE(S): Holotype: IZUC 1714.

TYPE LOCALITY: Contulmo, 700 m, Serranía de Nahuelbuta, 15 km (by road) west of Purén, Provincia Malleco, Chile.

DISTRIBUTION: Known only from the type locality in the Serranía de Nahuelbuta, Chile.

Eupsophus emiliopugini Formas, 1989. Proc. Biol. Soc. Washington, 102:568.

TYPE(S): Holotype: IZUA 1587.

TYPE LOCALITY: La Picada (41°04'S, 72°26'W), 480 m, 23 km (by road) northeast of Ensenado, Provincia Osorno, Chile.

DISTRIBUTION: Elevations from sea level to 700 m from northeastern Provincia Osorno to Provincia Aisén in southern Chile.

Eupsophus vertebralis Grandison, 1961. Bull. Brit. Mus. (Nat. Hist.), Zool., 8:136.

TYPE(S): Holotype: NMHW 4660.I.

TYPE LOCALITY: Valdivia, Chile.

DISTRIBUTION: Forested regions of Osorno and Valdivia provinces, Chile.

COMMENT: Resurrected from the synonymy of *Eupsophus* (= *Alsodes*) *vittatus* (Philippi, 1902) by Formas, 1989, Bol. Soc. Biol. Concepción, 60:123–127.

Eupsophus vittatus

Change to: *Alsodes vittatus* (Philippi, 1902).

Authority: Formas, 1989, Bol. Soc. Concepción, 60:123–127.

Geobatrachus

TYPE SPECIES: Change to read: *Geobatrachus walkeri* Ruthven, 1915, by original designation.

COMMENT: Add to end: See comment under *Atopophrynus*.

Holoaden

TYPE SPECIES: Change to read: *Holoaden luederwaldi* Miranda-Ribeiro, 1920, by monotypy.

Hylactophryne

Delete. Synonym of *Eleutherodactylus*.

Authority: Lynch, 1986, Herpetologica, 42:248–258.

Hylactophryne augusti

Change to: *Eleutherodactylus augusti* (Dugès, 1879).

COMMENT: Change to read: Reviewed by Zweifel, 1967, Cat. Am. Amphi. Rept., 41:1–4.

Authority: Lynch, 1986, Herpetologica, 42:248–258.

Hylactophryne occidentalis

Change to: *Eleutherodactylus occidentalis* Taylor, 1941.

ORIGINAL NAME: Delete.

COMMENT: Change to read: *Eleutherodactylus occidentalis* is a replacement name for *Eleutherodactylus mexicanus* Boulenger, 1898, Proc. Zool. Soc. London, 1898:477, which was preoccupied by *Leiuperus mexicanus*, Brocchi, 1879.

Authority: Lynch, 1986, Herpetologica, 42:248–258.

Hylactophryne tarahumaraensis

Change to: *Eleutherodactylus tarahumaraensis* Taylor, 1940.

ORIGINAL NAME: Delete.

Authority: Lynch, 1986, Herpetologica, 42:248–258.

Hylorina

TYPE SPECIES: Change to read: *Hylorina sylvatica* Bell, 1843, by monotypy.

Insuetophrynus

TYPE SPECIES: Change to read: *Insuetophrynus acarpicus* Barrio, 1970, by original designation.

Ischnocnema saxatilis Duellman, 1990. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 138:1.

TYPE(S): Holotype: KU 212556.

TYPE LOCALITY: Pongo de Shilcayo, about 4 km north-northwest of Tarapoto, 470 m (06°31'S, 76°53'W), Provincia San Martín, Departamento San Martín, Peru.

DISTRIBUTION: Low elevations (360–600 m) at eastern base of Andes in northern Peru.

Macrogenioglottus

TYPE SPECIES: Change to read: *Macrogenioglottus alipioi* Carvalho, 1946, by monotypy.

Odontophrynus

TYPE SPECIES: Change to read: *Odontophrynus cultripipes* Reinhardt and Lütken, 1863 1862," by monotypy.

Odontophrynus achalensis Di Tada, Barla, Martori, and Cei, 1984. Hist. Nat. (Corrientes), 4:151.

TYPE(S): Holotype: DCN-UNRC 1839.

TYPE LOCALITY: Pampa de Achala, Córdoba, Argentina.

DISTRIBUTION: Known only from the type locality.

Phrynopus bagrecitoi Lynch, 1986. J. Herpetol., 20:428.

TYPE(S): Holotype: KU 196512.

TYPE LOCALITY: Río Marcapata, below Marcapata, Departamento Cuzco, Peru, 2740 m.

DISTRIBUTION: Amazonian slopes of Andes at elevations of 1830–2740 m in Departamento Cuzco, Peru.

Phrynopus bracki Hedges, 1990. Copeia, 1990:108.

TYPE(S): Holotype: USNM 286918.

TYPE LOCALITY: 2.9 km north, 5.5 km east (airline) of Oxapampa (10°32'38"S, 75°21'10"W), 2600 m, Serranía de Yanachaga, Departamento Pasco, Peru.

DISTRIBUTION: Known only from the type locality in the Cordillera Oriental in central Peru.

Phrynopus juninensis (Shreve, 1938). J. Washington Acad. Sci., 28:406.

ORIGINAL NAME: *Syrrhophus juninensis*.

TYPE(S): Holotype: MCZ 22851.

TYPE LOCALITY: "Casca near Huasihuasi, Department of Junin, Peru."

DISTRIBUTION: Elevations above 3000 m in the Cordillera Oriental of the Andes in the departments of Junín and Pasco, Peru.

COMMENT: Transferred from *Telmatobius* by Cannatella, 1985, Proc. Biol. Soc. Washington, 98:774–777.

Phrynopus kempfii Riva, 1992. Herpetologica, 48:111.

TYPE(S): Holotype: EBD 28842.

TYPE LOCALITY: La Siberia, 30 km (by road) from Camarapa toward Cochabamba (17°50'S, 64°45'W, 2600 m), Provincia Carrasco, Departamento Santa Cruz, Bolivia.

DISTRIBUTION: Vicinity of the type locality at elevations of 2500–2900 m on the eastern slopes of the Andes in Bolivia.

COMMENT: In the *Phrynopus peruanus* group according to original description.

Phyllonastes

DISTRIBUTION: Change to read: Amazon Basin of Peru and Andes of southern Ecuador and northern Peru.

COMMENT: Change to read: Lynch, 1986, J. Herpetol., 20:425–426, noted that this genus shares with *Adelophryne* and *Euparkerella* the trait of having only 2 or 3 phalanges in the 4th digit. A key to the species was provided by Duellman, 1991, Herpetologica, 47:9–13. See comment under *Adelophryne*.

Phyllonastes heyeri Lynch, 1986. J. Herpetol., 20:426.

TYPE(S): Holotype: KU 196529.

TYPE LOCALITY: 33 km SW of Huancabamba, Departamento Piura, Peru, 3100 m.

DISTRIBUTION: High ridges in Huancabamba Depression in Provincia Loja, Ecuador, and Departamento Piura, Peru.

Phyllonastes lochites

DISTRIBUTION: Change to read: Moderate elevations on Amazonian slopes of the Andes and Cordillera del Cóndor and Cordillera de Cutucú in Ecuador.

Authority: Duellman and Lynch, 1988, Proc. Acad. Nat. Sci. Philadelphia, 140:125–142.

Phyllonastes lynchi Duellman, 1991. Herpetologica, 47:10.

TYPE(S): Holotype: KU 212318.

TYPE LOCALITY: East slope of Abra Chanchillo (06°49'S, 77°54'W, elev. 2870 m), 42 km (by road) east-northeast of Balsas, Provincia Chachapoyas, Departamento Amazonas, Peru.

DISTRIBUTION: Known only from the type locality near the western crest of the Cordillera Central in northern Peru.

Phyzelaphryne

COMMENT: Insert at beginning: Tribe Eleutherodactylini.

Proceratophrys

DISTRIBUTION: Change to read: Eastern and southern Brazil; Paraguay.

Proceratophrys boiei

TYPE(S): Change to read: Lectotype: RMNH 24109 (designated by Hoogmoed, 1990, Zool. Meded., Leiden, 63:267–273).

TYPE LOCALITY: Change to read: Bahia, Brazil, on the basis of lectotype designation.

COMMENT: Change to read: Synonymy includes *Proceratophrys renalis* according to Bokermann, 1966, Lista Anot. Local. Tipo Anf. Brasil, p. 26, and Izechsohn and Peixoto, 1981, Rev. Brasil. Niol., 41:19–24.

Proceratophrys cristiceps

COMMENT: Change *goyanus* to *goyana*.

Proceratophrys moehringi Weygoldt and Peixoto, 1985. Senckenb. Biol., 66:3.

TYPE(S): Holotype: MZUSP 59685.

TYPE LOCALITY: Santa Teresa, Espírito Santo, Brazil.

DISTRIBUTION: Known only from the type locality.

Sminthillus

Delete. Synonym of *Eleutherodactylus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Sminthillus limbatus

Change to: *Eleutherodactylus limbatus* (Cope, 1862).

COMMENT: Subgenus *Euhyas*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Somuncuria

TYPE SPECIES: Change to read: *Telmatobius somuncuriensis* Cei, 1969, by original designation.

Authority: Dubois, 1987 "1986", *Alytes*, 5:136.

Syrrhophus

Delete. Synonym of *Eleutherodactylus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus cystignathoides

Change to: *Eleutherodactylus cystignathoides* (Cope, 1877).

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus dennisi

Change to: *Eleutherodactylus dennisi* (Lynch, 1970).

ORIGINAL NAME: *Syrrhophus dennisi*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus guttilatus

Change to: *Eleutherodactylus guttilatus* (Cope, 1879).

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus interorbitalis

Change to: *Eleutherodactylus interorbitalis* (Langebartel and Shannon, 1956).

ORIGINAL NAME: *Syrrhophus interorbitalis*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus leprus

Change to: *Eleutherodactylus leprus* (Cope, 1879).

ORIGINAL NAME: *Syrrhophus leprus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus longipes

Change to: *Eleutherodactylus longipes* (Baird, 1859).

TYPE LOCALITY: Change to read: 40 leagues [probably north] from Mexico City [Mexico].

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus marnockii

Change to: *Eleutherodactylus marnockii* (Cope, 1878).

ORIGINAL NAME: *Syrrhophus marnockii*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus modestus

Change to: *Eleutherodactylus modestus* (Taylor, 1942).

ORIGINAL NAME: *Syrrhophus modestus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus nivicolimae

Change to: *Eleutherodactylus nivicolimae* (Dixon and Webb, 1966).

ORIGINAL NAME: *Syrrhophus nivicolimae*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus pallidus

Change to: *Eleutherodactylus pallidus* (Duellman, 1958).

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus pipilans

Change to: *Eleutherodactylus pipilans* (Taylor, 1940).

ORIGINAL NAME: *Syrrhophus pipilans*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus rubrimaculatus

Change to: *Eleutherodactylus rubrimaculatus* (Taylor and Smith, 1945).

ORIGINAL NAME: *Syrrhophus rubrimaculatus*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus teretistes

Change to: *Eleutherodactylus teretistes* (Duellman, 1958).

ORIGINAL NAME: *Syrrhophus teretistes*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus verrucipes

Change to: *Eleutherodactylus verrucipes* (Cope, 1885).

ORIGINAL NAME: *Syrrhophus verrucipes*.

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Syrrhophus verruculatus

Change to: *Eleutherodactylus verruculatus* (Peters, 1870).

COMMENT: Change to read: Subgenus *Syrrhophus*.

Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Telmalsodes Díaz, 1989, *Stud. Neotrop. Fauna Environ.* 24:32.

TYPE SPECIES: *Alsodes montanus* Lataste.

DISTRIBUTION: Andes in Aconcagua Province, Chile and southern Mendoza Province, Argentina.

COMMENT: Recognized as distinct from *Telmatobius* and *Alsodes* by Díaz, 1989, *Stud. Neotrop. Fauna Environ.*, 24:25-33.

Telmalsodes montanus (Lataste, 1902).

Changed from: *Alsodes montanus*.

ORIGINAL NAME: *Alsodes montanus*.

COMMENT: Delete.

Authority: Díaz, 1989, Stud. Neotrop. Fauna Environ., 24:32.

Telmalsodes pehuenche (Cei, 1976).

Changed from: *Telmatobius pehuenche*.

ORIGINAL NAME: *Telmatobius pehuenche*.

COMMENT: Delete.

Authority: Díaz, 1989, Stud. Neotrop. Fauna Environ., 24:32.

Telmatobius

TYPE SPECIES: Change to read: *Telmatobius peruvianus* Wiegmann, 1835, by monotypy.

Telmatobius arequipensis

TYPE(S): Add: MNHN 1957.861 (formerly MHNJP 366) designated as lectotype by Lavilla, 1989 "1988", Alytes, 7:8.

Telmatobius carrillae Morales, 1988. Rev. Brasil. Zool. 5(4):603.

TYPE(S): Holotype: MHNJP 1528.

TYPE LOCALITY: Puna de Crusjircon (09°14'S, 77°02'W), 3950 m, 3 km northwest of Yuracyacu, Provincia Antonio Raimondi, Departamento Ancash, Peru.

DISTRIBUTION: Vicinity of type locality in Cordillera Occidental, Peru.

Telmatobius hauthali

DISTRIBUTION: Change to read: Known only from the type locality.

COMMENT: Change last sentence to read: See Comment under *Telmatobius scrocchii*.

Authority: Laurent and Lavilla, 1986, Cuad. Herpetol. 2:1–20.

Telmatobius hypselocephalus Lavilla and Laurent, 1989 "1988". Alytes, 7:83.

TYPE(S): Holotype: FML 3768.

TYPE LOCALITY: El Angosto, 6 km south of El Moreno, Provincia Jujuy, Argentina.

DISTRIBUTION: Known only from the type locality in the Andes in northern Argentina.

Telmatobius juminensis

Change to: *Phrynopis juminensis*.

Authority: Cannatella, 1985, Proc. Biol. Soc. Washington, 98:774.

Telmatobius pinguiculus Lavilla and Laurent, 1989 "1988". Alytes, 7:90.

TYPE(S): Holotype: FML 3910.

TYPE LOCALITY: La Cienega (27°31'S, 67°00'W), Provincia Cajamarca, Argentina.

DISTRIBUTION: Known only from the type locality in the Andes in central Argentina.

Telmatobius platycephalus Lavilla and Laurent, 1989 "1988". Alytes, 7:78.

TYPE(S): Holotype: FML 3763.

TYPE LOCALITY: El Angosto, 6 km south of El Moreno, Provincia Jujuy, Argentina.

DISTRIBUTION: Known only from the type locality in the Andes in northern Argentina.

Telmatobius scrocchii Laurent and Lavilla, 1986. Cuad. Herpetol., 2:11.

TYPE(S): Holotype: FML 3532.

TYPE LOCALITY: El Ingenio, Campo El Arenal (Ruta 63), Departamento Andalgalá, Provincia Catamarca, Argentina.

DISTRIBUTION: Catamarca Province, Argentina.

COMMENT: Includes several populations formerly recognized as *Telmatobius hauthali*, according to Laurent and Lavilla, 1986, Cuad. Herpetol., 2:1–20.

Telmatobufo

COMMENT: Tribe Telmatobiini.

Thoropa

TYPE SPECIES: Change to read: *Cystignathus missiessii* Eydoux and Souleyet, 1841 (= *Rana miliaris* Spix, 1824), by monotypy.

COMMENT: Change second sentence to read: Most recently reviewed (with a key to the species) by Cocroft and Heyer, 1988, Proc. Biol. Soc. Washington, 101:209–220.

Thoropa megalotympanum Caramaschi and Sazima, 1984. Rev. Brasil. Zool., 2:139.

TYPE(S): Holotype: JJ 6031.

TYPE LOCALITY: “Km 114 do estrada de Vespasiano a Conceição do Mato Dentro, município de Jaboticatubas, Serra do Cipó, Minas Gerais, Brasil.”

DISTRIBUTION: Serra do Cipó, Minas Gerais, Brazil.

COMMENT: Related to *Thoropa miliaris* according to original description. Discussed as *Thoropa* sp. by Maxson and Heyer, 1982, Biotropica, 14:10–15.

Thoropa saxatilis Cocroft and Heyer, 1988. Proc. Biol. Soc. Washington, 101:210.

TYPE(S): Holotype: MZUSP 64778.

TYPE LOCALITY: 20 km east of Bom Jardim on the road to Lauro Müller, Santa Catarina, Brazil.

DISTRIBUTION: Southernmost extent of Atlantic Coastal Forest and adjacent derivatives in the states of Santa Catarina and Rio Grande do Sul, Brazil.

Tomodactylus

Delete. Synonym of *Eleutherodactylus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Tomodactylus albolabris

Change to: *Eleutherodactylus dixonii* Lynch, 1991.

ORIGINAL NAME: *Tomodactylus albolabris*.

COMMENT: Subgenus *Syrrophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Tomodactylus angustidigitum

Change to: *Eleutherodactylus angustidigitum* (Taylor, 1940 “1939”).

ORIGINAL NAME: *Tomodactylus angustidigitum*.

COMMENT: Subgenus *Syrrophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Tomodactylus dilatus

Change to: *Eleutherodactylus dilatus* (Davis and Dixon, 1955).

ORIGINAL NAME: *Tomodactylus dilatus*.

COMMENT: Subgenus *Syrrophus*.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:318.

Tomodactylus fuscus

Delete. Homonym of *Eleutherodactylus fuscus*; *Eleutherodactylus maurus* is the replacement name.

Authority: Hedges, 1989, Evol. Biogeogr. West Indian Frogs:319.

Tomodactylus grandis

Change to: *Eleutherodactylus grandis* (Dixon, 1957).

ORIGINAL NAME: *Tomodactylus grandis*.

COMMENT: Insert as first sentence: Subgenus *Syrrhophus*.
 Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Tomodactylus nitidus

Change to: *Eleutherodactylus nitidus* (Peters, 1869).
 COMMENT: Insert as first sentence: Subgenus *Syrrhophus*.
 Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Tomodactylus rufescens

Change to: *Eleutherodactylus rufescens* (Duellman and Dixon, 1959).
 ORIGINAL NAME: *Tomodactylus rufescens*.
 COMMENT: Subgenus *Syrrhophus*.
 Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Tomodactylus saxatilis

Change to: *Eleutherodactylus saxatilis* (Webb, 1962).
 ORIGINAL NAME: *Tomodactylus saxatilis*.
 COMMENT: Subgenus *Syrrhophus*.
 Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Tomodactylus syristes

Change to: *Eleutherodactylus syristes* (Hoyt, 1965).
 ORIGINAL NAME: *Tomodactylus syristes*.
 COMMENT: Subgenus *Syrrhophus*.
 Authority: Hedges, 1989, *Evol. Biogeogr. West Indian Frogs*:318.

Zachaeus

TYPE SPECIES: Change to read: *Cystignathus parvulus* Girard, 1853, by original designation.
 COMMENT: Change to read: Tribe Cycloramphini.
 Authority: Dubois, 1987 "1986", *Alytes*, 5:117.

FAMILY: Mantellidae Laurent, 1946.

Changed from: Ranidae: Mantellinae.
 CITATION: *Rev. Zool. Bot. Afr.*, 39:336.
 DISTRIBUTION: Madagascar.
 COMMENT: Discussed by Blommers-Schlösser, 1979, *Beaufortia*, 29:1–77, and reviewed by Blommers-Schlösser and Blanc, 1991, *Faune de Madagascar*:134–274, who excluded *Aglyptodactylus* Boulenger, 1919, and *Pseudophilautus* Liem, 1970 (both presently recognized in the Rhacophoridae).
 NOTE: *Laurentomantis*, *Mantella*, and *Mantidactylus* are transferred from Ranidae: Mantellinae to Mantellidae.

Laurentomantis

TYPE SPECIES: Change to read: ... monotypy (under *Microphryne*).
 COMMENT: Change to read: *Laurentomantis* is a replacement name for *Microphryne* Methuen and Hewitt, 1913, *Ann. Transvaal Mus.*, 4:55, which is preoccupied. *Trachymantis* Methuen and Hewitt, 1920, *Proc. Zool. Soc. London*, 1920:352, which also is preoccupied was proposed as a the first replacement name for *Microphryne*. Reviewed by Blommers-Schlösser and Blanc, 1991, *Faune de Madagascar*:134–139, and Glaw and Vences, 1992, *Fieldguide Amph. Rept. Madagascar*:105–107.
 Authority: Dubois, 1987 "1986", *Alytes*, 5:136, 141.

Laurentomantis horrida

DISTRIBUTION: Change to read: Northern and eastern Madagascar; Nosy Bé I.
Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:135–136.

Laurentomantis ventrimaculata

TYPE(S): Change to read: ...1935-173; latter designated as lectotype by Dubois, 1980, Bull. Mus. Natl. Hist., Paris, (4) 2 (A):349.
Authority: Dubois, 1987 “1986”, Alytes, 5:139.

Mantella

COMMENT: Change to read: See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:261–274, for synonymies and review. Also reviewed by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:158–166.

Mantella aurantiaca

DISTRIBUTION: Change to read: Eastern slopes of central Madagascar.
Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:264–266.

Mantella betsileo

DISTRIBUTION: Change to read: Northern and eastern Madagascar; Nosy Bé I.
Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:266–268.

Mantella cowani Boulenger, 1882. Cat. Batr. Sal. Brit. Mus.:471.

TYPE(S): Syntypes: BM 1947.2.7.4–5.
TYPE LOCALITY: East Betsileo, Madagascar.
DISTRIBUTION: Southern Madagascar.

COMMENT: Resurrected from the synonymy of *Mantella madagascariensis* by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:270, who considered *Mantella madagascariensis haraldmeieri* Busse, 1981, Amphibia-Reptilia, 2:34, to be a junior synonym. Considered to be a color morph in the *Mantella madagascariensis* complex by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:165.

Mantella crocea Pintak and Böhme, 1990. Salamandra, 26:58.

TYPE(S): Holotype: ZFMK 45007.
TYPE LOCALITY: Andas'bé (= Périnet), Madagascar.
DISTRIBUTION: Central part of eastern Madagascar.
COMMENT: Related to *Mantella betsileo* and *madagascariensis* according to original description. Not treated by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:261–274.

Mantella expectata Busse and Böhme, 1992. Rev. Français Aquariol., 19:58.

TYPE(S): Holotype: ZFMK 53540.
TYPE LOCALITY: 20 km southeast of Toliara (= Tuléar), western Madagascar.
DISTRIBUTION: Western and southern Madagascar.

Mantella haraldmeieri Busse, 1981. Amphibia-Reptilia, 2:34.

ORIGINAL NAME: *Mantella madagascariensis haraldmeieri*.
TYPE(S): ZFMK 25351.
TYPE LOCALITY: Fort Dauphin, Madagascar.
DISTRIBUTION: Vicinity of type locality in southeastern Madagascar.
COMMENT: Recognized as a distinct species by Meier, 1986, Herpetofauna, 8:9-14, and Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:166. See comment under *Mantella cowanii*.

Mantella madagascariensis

DISTRIBUTION: Change to read: Northern and eastern Madagascar.

COMMENT: *Mantella pulchra* Parker, 1925, considered to be a color morph by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:165. See comment under *Mantella cowani*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:271.

Mantella viridis Pintak and Böhme, 1988. Salamandra, 24:119.

TYPE(S): Holotype: ZFMK 47900.

TYPE LOCALITY: Antseranana (= Diego Suarez), Madagascar,

DISTRIBUTION: Northern Madagascar.

COMMENT: Related to *Mantella betsileo* according to original description. Not treated by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:261–274.

Mantidactylus

COMMENT: Change to read: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:139–261, provided synonymies, accounts of all species, and a phylogenetic analysis of species groups; additional species were recognized by Glaw and Vences, 1992, Bonn. Zool. Beitr., 43:45–77. Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352, recognized seven subgenera. Reviewed by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:107–157.

Mantidactylus acuticeps

TYPE(S): Change to read: Holotype: ZMB 30515.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

COMMENT: Not mentioned by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:139–261.

Mantidactylus aerumnalis

DISTRIBUTION: Change to read: Mountains of central Madagascar.

COMMENT: Change to read: Subgenus *Hylobatrachus*. In the *Mantidactylus albofrenatus* group. Synonymy includes *Mantidactylus brevipalmatus* Ahl, 1929, Mitt. Zool. Mus. Berlin, 1929:473, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:233.

Mantidactylus aglavei

DISTRIBUTION: Change to read: Mountains of central Madagascar.

COMMENT: Change to read: Subgenus *Spinomantis*. In the *Mantidactylus aglavei* group. See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:192–195, for review.

Mantidactylus albofrenatus

DISTRIBUTION: Change to read: Northeastern Madagascar.

COMMENT: Change to read: Subgenus *Hylobatrachus*. In the *Mantidactylus albofrenatus* group. See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:228–230, for review.

Mantidactylus albolineatus Blommers-Schlösser and Blanc, 1991. Faune de Madagascar:186.

TYPE(S): Holotype: MHNP 1972-2076.

TYPE LOCALITY: Chaînes Anosyennes, Madagascar.

DISTRIBUTION: Mountains of eastern and southern Madagascar.

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus pulcher* group.

Mantidactylus alutus

DISTRIBUTION: Change to read: Mountains of central Madagascar.

COMMENT: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group.

Mantidactylus ambohitombi

DISTRIBUTION: Change to read: Mountains of central Madagascar.

COMMENT: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group.

Mantidactylus argenteus

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group.

Mantidactylus asper

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group.

Mantidactylus bertini

DISTRIBUTION: Change to read: Southeastern Madagascar.

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group.

Mantidactylus betsileanus

DISTRIBUTION: Change to read: Madagascar, except for extreme southern part.

COMMENT: Change to read: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group.

Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:261, considered *Mantidactylus tripunctatus* Angel, 1930, Bull. Mus. Natl. Hist. Nat., Paris, (2)2:619, as a doubtful species, possibly a junior synonym of *Mantidactylus betsileanus*.

Mantidactylus bicalcaratus

COMMENT: Change to read: Subgenus *Blommersia*. In the *Mantidactylus pulcher* group.

Mantidactylus biporus

COMMENT: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group. Synonymy includes *Gephyromantis tricinctus* Guibé 1974, Bull. Mus. Natl. Hist. Nat., Paris, (2)19(2):154, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:247, who (p. 261) considered *Mantidactylus brauni* Ahl, 1929, Mitt. Zool. Mus. Berlin, 14:472, as a doubtful species, possibly a junior synonym of *Mantidactylus biporus*.

Mantidactylus blanci

Delete. Synonym of *Mantidactylus decaryi* (Angel, 1930).

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:205.

Mantidactylus blommersae

COMMENT: Change to read: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group.

Mantidactylus boulengeri

COMMENT: Add as first two sentences: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group.

Mantidactylus bourgati

Delete. Synonym of *Mantidactylus curtus* (Boulenger, 1882).

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:244.

Mantidactylus brevipalmatus

Delete. Synonym of *Mantidactylus aerumnalis* (Peracca, 1893).

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:233.

Mantidactylus cornutus Glaw and Vences, 1992. Fieldguide Amph. Rept. Madagascar:272.

TYPE(S): Holotype" ZFMK 53691.

TYPE LOCALITY: Andasibe, Madagascar.

DISTRIBUTION: Eastern slopes of the mountains of Madagascar.

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group according to original description.

Mantidactylus curtus

DISTRIBUTION: Change to read: Madagascar, except northwestern part.

COMMENT: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group. Synonymy includes *Mantidactylus bourgati* Guibé, 1974, Bull. Mus. Natl. Hist. Nat., Paris, (3)1973(145):1009, and *Rana inaudax* Peracca, 1893, Boll. Mus. Zool. Anat. Comp. Univ. Torino, 8(156):7, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:244.

Mantidactylus decaryi

TYPE(S): Add to end: MHNP 1930-435 designated as lectotype by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:206.

DISTRIBUTION: Change to read: Mountains of southeastern Madagascar.

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group. Synonymy includes *Gephyromantis blanci* Guibé, 1974, Bull. Mus. Natl. Hist. Nat., Paris, (3)1973(145):1015, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:205.

Mantidactylus depressiceps

DISTRIBUTION: Change to read: Mountains of central Madagascar.

COMMENT: Change to read: Subgenus *Guibemantis*. In the *Mantidactylus depressiceps* group.

Mantidactylus domerguei

DISTRIBUTION: Change to read: Mountains of central and southern Madagascar.

COMMENT: Change to read: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group.

Mantidactylus eiselti

COMMENT: Change to read: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group.

Mantidactylus elegans

DISTRIBUTION: Change to read: Eastern Madagascar.

COMMENT: Change to read: Subgenus *Guibemantis*. In the *Mantidactylus depressiceps* group.

"*Mantidactylus elegans*"

Delete. Name replaced by *Mantidactylus guibei* Blommers-Schlösser, 1991.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:172.

Mantidactylus femoralis

DISTRIBUTION: Change to read: Northern, eastern, and central Madagascar.

COMMENT: Change to read: Subgenus *Hylobatrachus*. In the *Mantidactylus lugubris* group.

Synonymy includes *Rana flavicrus* Boulenger, 1889, Ann. Mag. Nat. Hist., (6)4:245, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:220, who (p. 261) considered *Mantidactylus poissoni* Angel, 1937, Bull. Mus. Natl. Hist. Nat., Paris, (2)19:178, to be a doubtful species, possibly a junior synonym of *Mantidactylus femoralis*.

Mantidactylus flavicrus

Delete. Synonym of *Mantidactylus femoralis*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:220.

Mantidactylus flavobrunneus

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus pulcher* group.

Mantidactylus glandulosus

COMMENT: Not associated with any known population. Possibly it is the same as *Mantidactylus pseudoasper* Guibé, 1974, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:261.

Mantidactylus grandidieri

DISTRIBUTION: Change to read: Eastern Madagascar.

COMMENT: Change to read: Subgenus *Mantidactylus*. In the *Mantidactylus guttulatus* group.

Mantidactylus grandisonae

DISTRIBUTION: Change to read: Southeastern Madagascar.

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group.

Mantidactylus granulatus

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group.

Mantidactylus guibei Blommers-Schlösser in Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:172.

ORIGINAL NAME: *Gephyromantis elegans* Guibe, 1974.

TYPE(S): Holotype: MNHNP 1972-1827.

TYPE LOCALITY: Chaînes Ayosyennes, Madagascar.

DISTRIBUTION: Mountains of southern Madagascar.

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group. *Mantidactylus guibei* is a replacement name for *Mantidactylus elegans* (Guibé, 1974), a secondary homonym of *Mantidactylus elegans* Guibé, 1974.

Mantidactylus guttulatus

TYPE(S): Add to end: Lectotype BM 1947.2.25.51, designated by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:256.

COMMENT: Subgenus *Mantidactylus*. In the *Mantidactylus guttulatus* group.

Mantidactylus inaudax

Delete. Synonym of *Mantidactylus curtus*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:244.

Mantidactylus klemmeri

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group.

Mantidactylus leucomaculatus (Guibe, 1975)

Changed from: *Boophis leucomaculatus*.

Authority: Glaw and Vences, 1992, Bonn. Zool. Beitr., 43:63–65.

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group.

Mantidactylus liber

COMMENT: Change to read: Subgenus *Blommersia*. In the *Mantidactylus pulcher* group.

Mantidactylus lugubris

DISTRIBUTION: Change to read: Eastern Madagascar.

COMMENT: Change to read: Subgenus *Hylobatrachus*. In the *Mantidactylus lugubris* group.

Mantidactylus luteus

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group.

Mantidactylus madecassus

COMMENT: Change to read: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group.
Synonymy includes *Mantidactylus pauliani* Guibé, 1974, Bull. Mus. Natl. Hist. Nat., Paris, (3)1973(171):1171, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:254.

Mantidactylus major

COMMENT: Subgenus *Hylobatrachus*. In the *Mantidactylus lugubris* group.

Mantidactylus microtympaum

DISTRIBUTION: Change to read: Southeastern Madagascar.

COMMENT: Subgenus *Mantidactylus*. In the *Mantidactylus guttulatus* group.

Mantidactylus mocquardi Angel, 1929. Bull. Mus. Natl. Hist. Nat., Paris, (2)1:359.

TYPE(S): Holotype: MNHNP 1929-207.

TYPE LOCALITY: Region of Rogez, Madagascar.

DISTRIBUTION: Type locality in eastern Madagascar.

COMMENT: Subgenus *Hylobatrachus*. In the *Mantidactylus lugubris* group. Placed in the synonymy of *Mantidactylus femoralis* by Guibe, 1978, Bonn. Zool. Monogr., 11:26, but recognized as a distinct species by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:222.

Mantidactylus piparis

DISTRIBUTION: Change to read: Central and eastern Madagascar.

COMMENT: Change to read: Subgenus *Hylobatrachus*. In the *Mantidactylus albofrenatus* group.

Mantidactylus pauliani

Delete. Synonym of *Mantidactylus madecassus*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:254.

Mantidactylus peraccae

DISTRIBUTION: Change to read: Discontinuous in northern and southern Madagascar.

COMMENT: Change to read: Subgenus *Guibemantis*. In the *Mantidactylus depressiceps* group.

Mantidactylus plicifer

COMMENT: Insert as first two sentences: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group.

Mantidactylus pseudoasper

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group. See comment under *Mantidactylus glandulosus*.

Mantidactylus pulcher

TYPE LOCALITY: Change to read: Ankafana, Betsileo (= forêt Tsarafidy, Ambohimiahasoa), Madagascar.

COMMENT: Change to read: Subgenus *Blommersia*. In the *Mantidactylus pulcher* group.

Mantidactylus punctatus

DISTRIBUTION: Change to read: Mountains and southeastern Madagascar.

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus pulcher* group.

Mantidactylus redimitus

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group.

Mantidactylus spinifer Blommers-Schlösser and Blanc, 1991. Faune de Madagascar:215.

ORIGINAL NAME: *Mantidactylus spiniferus*.

TYPE(S): Holotype: MNHNP 1972-1450.

TYPE LOCALITY: Chaînes Anosyennes, Madagascar.

DISTRIBUTION: Eastern slopes of mountains in Madagascar.

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus granulatus* group.

Mantidactylus tornieri

COMMENT: Add as first two sentences: Subgenus *Guibemantis*. In the *Mantidactylus depressiceps* group.

Mantidactylus tricinctus

Delete. Synonym of *Mantidactylus biporus*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:247.

Mantidactylus ulcerosus

COMMENT: Change to read: Subgenus *Brygoomantis*. In the *Mantidactylus ulcerosus* group.

Mantidactylus webbi

DISTRIBUTION: Change to read: Southeastern Madagascar.

COMMENT: Subgenus *Gephyromantis*. In the *Mantidactylus redimitus* group.

Mantidactylus wittei

DISTRIBUTION: Change to read: Northern Madagascar.

COMMENT: Subgenus *Blommersia*. In the *Mantidactylus argenteus* group.

FAMILY: Microhylidae Günther, 1859 “1858”.

Change to read: Family: Microhylidae Günther, 1858 (1843).

CITATION: Change to read: Proc. Zool. Soc. London, 1858:344.

COMMENT: Change lines 1 and 2 to read: As first formed the group name was Micrhyliina (based on *Micrhylla* Duméril and Bibron, 1841, Erp. Gén., 8:613), an unjustified... Change line 3 to read: ... Biol. Amph.:451, was ... Change line 4 to read: ...Fam. Microhylidae:i,

Authority: Dubois, 1987 “1986”, Alytes, 5:127–128.

SUBFAMILY: Asterophryinae Günther, 1859 “1858”.

Change to read: **SUBFAMILY: Asterophryinae** Günther, 1858.

CITATION: Change to read: Proc. Zool. Soc. London, 1858:346.

COMMENT: Change last line to read: ... 148:411–546, and Burton, 1986, Rec. S. Aust. Mus., 19:405–450.

Asterophrys

Change to read: *Asterophrys* Tschudi, 1838, Classif. Batr.:45.

Callulops Boulenger, 1888. Ann. Mag. Nat. Hist., (6)1:345.

TYPE SPECIES: *Callulops doriae* Boulenger, 1888, by monotypy.

DISTRIBUTION: New Guinea region, from Moluccas to the easternmost islands of the Louisiade Archipelago.

COMMENT: These New Guinean microhylid frogs formerly were placed in the genus

Phrynomantis Peters, 1867, a name which applies to the phrynomerid frogs previously recognized as *Phrynomerus*, according to Dubois, 1989 “1988”, Alytes, 7:1–5.

Callulops boettgeri (Méhely, 1901).

Changed from: *Phrynomantis boettgeri*.

Authority: Dubois, 1989 “1988”, Alytes, 7:1–5.

Callulops doriae Boulenger, 1888.

Changed from: *Xenorhina doriae* (Boulenger, 1888).

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

COMMENT: Placed in *Phrynomantis* by Burton, 1986, Rec. S. Aust. Mus., 19:415, and changed to *Callulops* by Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops dubia (Boettger, 1895).

Changed from: *Phrynomantis dubia*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops eurydactyla (Zweifel, 1972).

Changed from: *Phrynomantis eurydactyla*.

ORIGINAL NAME: *Phrynomantis eurydactyla*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops fusca (Peters, 1867).

Changed from: *Phrynomantis fusca*.

ORIGINAL NAME: *Phrynomantis fusca*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops glandulosa (Zweifel, 1972).

Changed from: *Phrynomantis glandulosa*.

ORIGINAL NAME: *Phrynomantis glandulosa*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops humicola (Zweifel, 1972).

Changed from: *Phrynomantis humicola*.

ORIGINAL NAME: *Phrynomantis humicola*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops kopsteini (Mertens, 1930).

Changed from: *Phrynomantis kopsteini*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops personata (Zweifel, 1972).

Changed from: *Phrynomantis personata*.

ORIGINAL NAME: *Phrynomantis personata*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops robusta (Boulenger, 1898).

Changed from: *Phrynomantis robusta*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops slateri (Loveridge, 1955).

Changed from: *Phrynomantis slateri*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops stictigaster (Zweifel, 1972).

Changed from: *Phrynomantis stictogaster*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Callulops wilhelmana (Loveridge, 1948).

Changed from: *Phrynomantis wilhelmana*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Mantophryne Boulenger, 1897. Ann. Mag. Nat. Hist. (6) 19:12.

TYPE SPECIES: *Mantophryne lateralis* Boulenger, 1897, by monotypy.

DISTRIBUTION: New Guinea and Louisiade Archipelago.

COMMENT: The generic name was resurrected by Burton, 1986, Rec. S. Aust. Mus., 19:405–450, whose phylogenetic analysis of the asterophryine microhylids indicated that three species included in *Phrynomantis* by Zweifel, 1972, Bull. Am. Mus. Nat. Hist., 148:411–546, represented a separate lineage.

Mantophryne infulata Zweifel, 1972.

Changed from: *Phrynomantis infulata*.

ORIGINAL NAME: *Phrynomantis infulata*.

Authority: Burton, 1986, Rec. S. Aust. Mus., 19:415.

Mantophryne lateralis Boulenger, 1897.

Changed from: *Phrynomantis lateralis*.

ORIGINAL NAME: Delete.

Authority: Burton, 1986, Rec. S. Aust. Mus., 19:415.

Mantophryne louisiadensis (Parker, 1934).

Changed from: *Phrynomantis louisiadensis*.

Authority: Burton, 1986, Rec. S. Aust. Mus., 19:415.

Phrynomantis

Delete: Name applies to phrynomerines formerly placed in *Phrynomerus*. Most species transferred to *Callulops*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis boettgeri

Change to: *Callulops boettgeri* (Méhely, 1901).

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis dubia

Change to: *Callulops dubia* (Boettger, 1895).

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis eurydactyla

Change to: *Callulops eurydactyla* (Zweifel, 1972).

ORIGINAL NAME: *Phrynomantis eurydactyla*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis fusca

Change to: *Callulops fusca* (Peters, 1867)

ORIGINAL NAME: *Phrynomantis fusca*.

Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis glandulosa

Change to: *Callulops glandulosa* (Zweifel, 1972).

ORIGINAL NAME: *Phrynomantis glandulosa*.
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis humicola
Change to: *Callulops humicola* (Zweifel, 1972).
ORIGINAL NAME: *Phrynomantis humicola*.
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis infulata
Change to: *Mantophryne infulata* (Zweifel, 1972).
ORIGINAL NAME: *Phrynomantis infulata*.
Authority: Burton, 1986, Rec. S. Aust. Mus., 19:415.

Phrynomantis kopsteini
Change to: *Callulops kopsteini* (Mertens, 1930).
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis lateralis
Change to: *Mantophryne lateralis* Boulenger, 1807.
ORIGINAL NAME: Delete.
Authority: Burton, 1986, Rec. S. Aust. Mus., 19:415.

Phrynomantis lousiadensis
Change to: *Mantophryne lousiadensis* (Parker, 1934).
Authority: Burton, 1986, Rec. S. Aust. Mus., 19:415.

Phrynomantis personata
Change to: *Callulops personata* (Zweifel, 1972).
ORIGINAL NAME: *Phrynomantis personata*.
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis robusta
Change to: *Callulops robusta* (Boulenger, 1898).
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis slateri
Change to: *Callulops slateri* (Loveridge, 1955).
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis stictogaster
Change to: *Callulops stictigaster* (Zweifel, 1972).
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Phrynomantis wilhelmana
Change to: *Callulops wilhelmana* (Loveridge, 1948).
Authority: Dubois, 1989 "1988", Alytes, 7:1–5.

Xenobatrachus anorbis Blum and Menzies, 1989 "1988". Alytes, 7:140.
TYPE(S): Holotype: UP 5621.
TYPE LOCALITY: Finimterr on the Hindenburg Plateau, Star Mountains, 2100 m, Fly River Province, Papua New Guinea.
DISTRIBUTION: Star Mountains in central New Guinea.
COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus arfakianus Blum and Menzies, 1989 “1988”. Alytes 7:148.

TYPE(S): Holotype: UP 8203.

TYPE LOCALITY: Track between Makwam and Minyambou, about 1500 m, northern Arfak Mountains, Irian Jaya.

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus fuscigula Blum and Menzies, 1989 “1988”. Alytes, 7:141.

TYPE(S): Holotype: UP 3342.

TYPE LOCALITY: Upper Kaironk Valley, Madang Province, Papua New Guinea.

DISTRIBUTION: The Schrader, Hagen, and Kubor ranges and the Sepik-Wahgi Dividing Range, 1300–2900 m in central New Guinea.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus giganteus

DISTRIBUTION: Change to read: Type locality and Eipomek in Irian Jaya, New Guinea.

Authority: Blum and Menzies, 1989 “1988”, Alytes: 7:152.

Xenobatrachus huon Blum and Menzies, 1989 “1988”. Alytes, 7:142.

TYPE(S): Holotype: UP 7431.

TYPE LOCALITY: Upper Kua River Valley, 1630–2130 m, Rawlinson Mountains, Morobe Province, Papua New Guinea.

DISTRIBUTION: Elevations of 1300–2130 m in mountains in the eastern Huon Peninsula, New Guinea.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus multisica Blum and Menzies, 1989 “1988”. Alytes 7:150.

TYPE(S): Holotype: UP 7405.

TYPE LOCALITY: Munggona, 1800 m, Eipomek Valley, Jayawijaya Division, Irian Jaya.

DISTRIBUTION: Eipomek and Famek valleys in western New Guinea.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus rostratus

TYPE(S): Add: UP 1926 designated as neotype by Blum and Menzies, 1989 “1988”, Alytes, 7:136.

TYPE LOCALITY: Change to read: Originally given as “Erima”, Astrolabe Bay, Madang Province, Papua New Guinea; based on neotype designation: Lower Kaironk Valley, 1300 m, Madang Province, Papua New Guinea.

Xenobatrachus scheepstrai Blum and Menzies, 1989 “1988”. Alytes 7:151.

TYPE(S): Holotype: UP 7397.

TYPE LOCALITY: Angguruk, 1400 m, Jayawijaya Division, Irian Jaya.

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus schiefenhoeveli Blum and Menzies, 1989 “1988”. Alytes 7:143.

TYPE(S): Holotype: UP 7399.

TYPE LOCALITY: Munggona in the Eipomek Valley, 1800 m, Jayawijaya Division, Irian Jaya.

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenobatrachus tumulus Blum and Menzies, 1989 “1988”. Alytes, 7:145.

TYPE(S): Holotype: UP 7238.

TYPE LOCALITY: Mambimap, 1500 m, Adelbert Range, Madang Province, Papua New Guinea.

DISTRIBUTION: Known only from the type locality.

COMMENT: In the *Xenobatrachus rostratus* group according to original description.

Xenorhina

DISTRIBUTION: Change to read: New Guinea.

COMMENT: *Callulops doriae* Boulenger, 1888, which was recognized as a species of *Xenorhina* by Zweifel, 1972, Bull. Am. Mus. Nat. Hist., 148:411–546, was placed in *Phrynomantis* by Burton, 1986, Rec. S. Aust. Mus., 19:405–450, and in *Callulops* by Dubois, 1989 “1988”, Alytes, 7:1–5.

Xenorhina doriae

Change to: *Callulops doriae*.

Authority: Dubois, 1989 “1988”, Alytes, 7:1–5.

Xenorhina eiponis Blum and Menzies, 1989 “1988”. Alytes, 7:154.

TYPE(S): Holotype: UP 7407.

TYPE LOCALITY: Base camp at 1800 m, Eipomek Valley, Jayawijaya Division, Irian Jaya.

DISTRIBUTION: Eipomek Valley in western New Guinea.

SUBFAMILY: Brevicipinae Bonaparte, 1850.

REVIEWERS: Change line 1 to read: Alan Channing (AC);.

Balebreviceps Largen and Drewes, 1989. Trop. Zool., 2:15.

TYPE SPECIES: *Balebreviceps hillmani* Largen and Drewes, 1989, by monotypy.

DISTRIBUTION: As for the single species.

COMMENT: Apparently most closely related to *Probreviceps* according to original description.

Balebreviceps hillmani Largen and Drewes, 1989. Trop. Zool., 2:15.

TYPE(S): Holotype: LIV 1986.212.385.

TYPE LOCALITY: 12 km north of Katcha (06°47'N, 39°46'E), 3200 m, Bale Mountains, Ethiopia.

DISTRIBUTION: Known only from the type locality in the forested southern part of Bale Mountains, Ethiopia.

Breviceps

TYPE SPECIES: Change to read: *Rana gibbosa* Linnaeus, 1758, by monotypy.

Authority: Dubois, 1987 “1986”, Alytes, 5:128.

Breviceps adpersus

COMMENT: Change last line to read: ... investigation; see Poynton and Broadley, 1985, Ann. Natal Mus., 26:523–525.

Breviceps maculatus FitzSimons, 1947. Ann. Natal Mus., 11:134.

TYPE(S): Holotype: NMP.

TYPE LOCALITY: Bushman's Peak, Drakensberg, Rep. South Africa.

DISTRIBUTION: Drakensberg Mountains of Natal, and southeastern Orange Free State, Rep. South Africa.

COMMENT: Discussed by Lambiris, 1988, Lammergeyer, 39:65.

Breviceps mossambicus

COMMENT: Add to end: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:517–523, for discussion of taxonomic problems.

Breviceps poweri

COMMENT: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:525–528.

Breviceps verrucosus

COMMENT: Change to read: Discussed by Lambiris, 1988, Lammergeyer, 39:62, and Branch, 1990, J. Herpetol. Assoc. Afr., 37:20.

Probreviceps rhodesianus

COMMENT: See Poynton and Broadley, 1985, Ann. Natal Mus., 26:514–516.

SUBFAMILY: Cophylinae Cope, 1889.

CITATION: Change to: Bull. U. S. Natl. Mus., 34:248.

COMMENT: Change line 2 to read: ... Microhylidae:v, was ... Authority: Dubois, 1987 “1986”, Alytes, 5:127.

Anodonthyla

COMMENT: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:92–102, and Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:208–212.

Anodonthyla montana

DISTRIBUTION: Change to read: Mountains of southeastern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:97–100.

Anodonthyla nigrigularis Glaw and Vences, 1992. Fieldguide Amph. Rept. Madagascar:273.

TYPE(S): Holotype: ZFMK: 53745.

TYPE LOCALITY: Nahampoana, Madagascar.

DISTRIBUTION: Vicinity of the type locality in southeastern Madagascar.

Cophyla

COMMENT: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:88–90.

Madecassophryne

COMMENT: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:102–104.

Mantipus

Delete. Synonym of *Plethodontohyla*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:47.

Mantipus angulifer

Change to: *Plethodontohyla angulifer*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:70.

Manipus bipunctatus

Change to: *Plethodontohyla bipunctata*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:54.

Mantipus guentherpetersi

Change to: *Plethodontohyla guentherpetersi*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:56.

Mantipus inguinalis

Change to: *Plethodontohyla inguinalis*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:57.

Mantipus laevipes

Change to: *Plethodontohyla laevipes*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:51.

Mantipus minutus

Change to: *Plethodontohyla minuta*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:53.

Mantipus serratopalpebrosus

Change to: *Plethodontohyla serratopalpebrosa*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:52.

Paracophyla

Delete. Synonym of *Platypelis*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:70.

Paracophyla tuberculata

Delete. Synonym of *Platypelis barbouri* Noble, 1940.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:85.

Platypelis

COMMENT: Change line 2 to read: ... 11:115, and *Paracophyla* Millot and Guibé, 1951 (type species *Paracophyla tuberculata*), according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:70, who reviewed the genus. Also reviewed by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:197–206.

Platypelis alticola

DISTRIBUTION: Change to read: Tsaratanana Mountains, northern Madagascar.

COMMENT: Change to read: See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:75–76, for review.

Platypelis barbouri

DISTRIBUTION: Change to read: Central eastern Madagascar.

COMMENT: Synonymy includes *Paracophyla tuberculata* Millot and Guibé, 1951, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:85.

Platypelis cowanii

DISTRIBUTION: Change to read: East Betsileo and Voloina in eastern Madagascar.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:203.

Platypelis grandis

COMMENT: Change to read: Synonymy includes *Cophyla tuberculata* Ahl, 1929, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:76.

Platypelis milloti

DISTRIBUTION: Change to read: Nosy Be I. and northwestern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:83–84.

Platypelis occultans Glaw and Vences, 1992. Fieldguide Amph. Rept. Madagascar:274.

TYPE(S): Holotype: ZFMK 53735.

TYPE LOCALITY: Nosy Be I., northern Madagascar.

DISTRIBUTION: Type locality and mainland in northeastern Madagascar.

Platypelis tsartananaensis

DISTRIBUTION: Change to read: Tsartanana Mountains, northern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:81–82.

Platypelis tuberculata

Delete. Synonym of *Platypelis grandis*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:76.

Plethodontohyla

COMMENT: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:47–70, who included *Mantipus* Peters, 1883 (type species *Mantipus hildebrandti* Peters, 1883 [= *Plethodontohyla inguinalis* Boulenger, 1882]) as a junior synonym. Also reviewed by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:178–187.

Plethodontohyla alluaudi (Mocquard, 1901).

DISTRIBUTION: Change to read: Eastern and central Madagascar.

Authoprity: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:182.

COMMENT: Synonymy includes *Phrynocara laeve* Boettger, 1913, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:62.

Plethodontohyla angulifer Werner, 1903.

Changed from: *Mantipus angulifer*.

ORIGINAL NAME: Delete.

COMMENT: Guibé, 1978, Bonn. Zool. Monogr., 11:102, and Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:70, doubted the validity of this species.

Plethodontohyla bipunctata (Guibé, 1974).

Changed from: *Mantipus bipunctatus*.

ORIGINAL NAME: *Mantipus bipunctatus*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:54.

DISTRIBUTION: Change to read: Eastern Madagascar.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:181.

Plethodontohyla coudreaui

DISTRIBUTION: Change to read: Vicinity of type locality in eastern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:64.

Plethodontohyla guentherpetersi (Guibé, 1974).

Changed from: *Mantipus guentherpetersi*.

ORIGINAL NAME: *Mantipus guentherpetersi*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:56.

Plethodontohyla inguinalis Boulenger, 1882.

Changed from: *Mantipus inguinalis*.

ORIGINAL NAME: Delete.

COMMENT: Change to read: See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:57, for synonymy.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:57.

Plethodontohyla laevipes (Mocquard, 1895).

Changed from: *Mantipus laevipes*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:51.

Plethodontohyla laevis

Delete. Synonym of *Plethodontohyla alluaudi*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:62.

Plethodontohyla minuta (Guibé, 1975).

Changed from: *Mantipus minutus*.

ORIGINAL NAME: *Mantipus minutus*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:53.

Plethodontohyla notosticta

DISTRIBUTION: Change to read: Eastern Madagascar.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:180.

COMMENT: Change to read: See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:67, for synonymy.

Plethodontohyla serratopalpebrosa (Guibé, 1975).

Changed from: *Mantipus serratopalpebrosus*.

ORIGINAL NAME: *Mantipus serratopalpebrosus*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:52.

Plethodontohyla tuberata

TYPE(S). Change to read: Syntypes: ZMB 10442 and 50103.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

COMMENT: Change to read: See Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:59, for synonymy.

Rhombophryne

COMMENT: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:91–92, and Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:187–188.

Stumpffia

COMMENT: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar: 105–111, and by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:188–195.

Stumpffia gimmeli Glaw and Vences, 1992. Fieldguide Amph. Rept. Madagascar:273.

TYPE(S): Holotype: ZFMK 53780.

TYPE LOCALITY: Benavony (environs of Ambanja, northwestern Madagascar.

DISTRIBUTION: Northwestern Madagascar.

Stumpffia madagascariensis

Delete: Synonym of *Stumpffia psologlossa* Boulenger, 1881, or a nomen dubium.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:105; Vences and Glaw, 1991, Acta Biol. Benrodis, 3:207–208.

Stumpffia psologlossa

COMMENT: Synonymy includes *Stumpffia madagascariensis* Mocquard, 1895, and *Stumpffia roseifemoralis* Guibé, 1974 “1973”:1188, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:105.

Stumpffia pygmaea Vences and Glaw, 1991. Acta Biol. Benrodis, 3:215.

TYPE(S): Holotype: ZFMK 52541.

TYPE LOCALITY: 1 km N of Andoany (= Hellville), Nosy Be Island, Madagascar.

DISTRIBUTION: Known only from the type locality in northwestern Madagascar.

Stumpffia roseifemoralis

Delete. Synonym of *Stumpffia psologlossa* Boulenger, 1881.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:105.

Stumpffia tetradactyla Vences and Glaw, 1991. Acta Biol. Benrodis, 3:216.

TYPE(S): Holotype: ZFMK 52547.

TYPE LOCALITY: 1 km S of Maromandia, Nosy Boraha (= Ste. Marie) Island, Madagascar.

DISTRIBUTION: Nosy Boraha Island off the east coast of Madagascar.

Stumpffia tridactyla

DISTRIBUTION: Change to read: Northern eastern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:110–111.

SUBFAMILY: Dyscophinae Boulenger, 1882.

CITATION: Change to: Cat. Batr. Sal. Brit. Mus.: x.

Authority: Dubois, 1987 “1986”, Alytes, 5:127.

Dyscophus

TYPE SPECIES: Change to read: *Dyscophus insularis* Grandidier, 1872, by monotypy.

COMMENT: Change to read: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:38–46, and Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:175–178.

Authority: Dubois, 1987 “1986”, Alytes, 5:136.

SUBFAMILY: Genyophryinae Boulenger, 1890.

CITATION: Change to: Proc. Zool. Soc. London, 1890:327.

COMMENT: Change line 7 to read: ...the Genyophryinae (as Sphenophryinae) is paraphyletic...

Authority: Dubois, 1987 “1986”, Alytes, 5:127.

Aphantophryne Fry, 1917. Proc. Linn. Soc. New South Wales, 41:772.

TYPE SPECIES: *Aphantophryne pansa* Fry, 1917.

DISTRIBUTION: Mountains of eastern Papua New Guinea.

COMMENT: Reviewed by Zweifel and Parker, 1989, Am. Mus. Novit., 2954:1–20.

Aphantophryne minuta Zweifel and Parker, 1989. Am. Mus. Nov. 2954:12.

TYPE(S): Holotype: AMNH 130297.

TYPE LOCALITY: About 2.0 km north, 1.7 km east of Myola Guest House, 2700 m, Northern Province, Papua New Guinea.

DISTRIBUTION: Known only from the type locality.

Aphantophryne pansa Fry, 1917. Proc. Linn. Soc. New South Wales, 41:772.

Changed from: *Cophixalus pansus*.

COMMENT: See Zweifel and Allison, 1982, Am. Mus. Novit., 2723:1–14, for a review of this species (as *Cophixalus pansus*).

Authority: Zweifel and Parker, 1989, Am. Mus. Navit., 2954:1–20.

Aphantophryne sabini Zweifel and Parker, 1989. Am. Mus. Novit., 2954:4

TYPE(S): Holotype: AMNH 130298.

TYPE LOCALITY: Myola Guest House, 2080 m, 7 km south, 6 km west of Mt. Bellamy, Northern Province, Papua New Guinea.

DISTRIBUTION: Vicinity of type locality.

Cophixalus

COMMENT: last two lines change to read: species reviewed by Zweifel, 1985, Bull. Am. Mus. Nat. Hist., 182:265–388.

Cophixalus bombiens Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:305.

TYPE(S): Holotype: QM J42060.

TYPE LOCALITY: "Southern side of Mt. Windsor Tableland, elevation about 900 m, approximately 40 km west-northwest of Mossman, Queensland," Australia.

DISTRIBUTION: Mt. Windsor Tableland in northeastern Queensland, Australia.

Cophixalus crepitans Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:315.

TYPE(S): Holotype: QM J28817.

TYPE LOCALITY: Leo Creek, McIlwraith Range, northeast of Coen, Cape York Peninsula, Queensland, Australia.

DISTRIBUTION: McIlwraith Range, eastern side of Cape York Peninsula, Queensland, Australia.

Cophixalus hosmeri Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:321.

TYPE(S): Holotype: QM J42058.

TYPE LOCALITY: Mt. Lewis, 6 km west, 9 km north of Mt. Molloy (town), 940 m, Queensland, Australia.

DISTRIBUTION: Elevations of 960–1370 m on Mt. Lewis and Mt. Spurgeon in northeastern Queensland, Australia.

Cophixalus infacetis Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:324.

TYPE(S): Holotype: QM J42059.

TYPE LOCALITY: 12.5 km south and 13 km east of Millaa Millaa, 460 m, Queensland, Australia.

DISTRIBUTION: Rainforests of eastern Queensland in vicinity of Palmerston National Park, Australia.

Cophixalus mcdonaldi Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:328.

TYPE(S): Holotype: QM J42064.

TYPE LOCALITY: Mt. Elliot, 30 km southeast of Townsville, Queensland, Australia.

DISTRIBUTION: Northeastern Queensland, Australia.

Cophixalus peninsularis Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:345.

TYPE(S): Holotype: QM J42061.

TYPE LOCALITY: Rocky Scrub, 29 km NE Coen (13°44'30"S, 143°21'30"E), 520–540 m, Cape York Peninsula, Queensland, Australia.

DISTRIBUTION: Type locality in the McIlwraith Range on the eastern side of the Cape York Peninsula, Queensland, Australia.

Copiula oxyrhina

Change to read: *Copiula oxyrhinus* (Boulenger, 1898).

Copiula pipiens Burton and Stocks, 1986. Trans. R. Soc. S. Aust., 110:155.

TYPE(S): Holotype: SAM R29779.

TYPE LOCALITY: Wirui, 1 km from Wewak (03°35'S, 143°35'E), Papua New Guinea.

DISTRIBUTION: Wewak area on the north coast of Papua New Guinea.

Copiula tyleri Burton, 1990. Trans. R. Soc. S. Aust., 114:90.

TYPE(S): Holotype: AMNH 77542.

TYPE LOCALITY: Mt. Hunstein (04°31'S, 132°39'E, elev. 1220 m), East Sepik Province, Papua New Guinea.

DISTRIBUTION: Forested slopes from 670 to 1220 m in northeastern New Guinea.

Genyophryne

TYPE SPECIES: Change to read: *Genyophryne thomsoni* Boulenger, 1890, by monotypy.

Sphenophryne

COMMENT: Change to read: Australian species reviewed by Zweifel, 1985, Bull. Am. Mus. Nat. Hist., 182:265–388.

Sphenophryne adelphe Zweifel, 1985. Bull. Am. Mus. Nat. Hist., 182:280.

TYPE(S): Holotype: SAMA R17344.

TYPE LOCALITY: Back Jungle, Croker Island, Northern Territory, Australia.

DISTRIBUTION: Northern part of Northern Territory, Australia.

SUBFAMILY: Melanobatrachinae Noble, 1931.

COMMENT: Change line 3 to read: and the Indian genus *Melanobatrachus* to be in the Microhylinae, an arrangement followed by Laurent, 1986, Traite Zool.:744, who recognized the Hoplophryinae as containing *Hoplophryne* and *Parhoplophryne*. The

Melanobatrachus

TYPE SPECIES: Change to read: *Melanobatrachus indicus* Beddome, 1878, by monotypy.

SUBFAMILY: Microhylinae Günther, 1859 "1858" (1843).

Change to read: Subfamily: Microhylinae Günther, 1858.

CITATION: Change to read: Proc. Zool. Soc. London, 1858:344.

Authority: Dubois, 1987 "1986", Alytes, 5:128.

Adelastes Zweifel, 1986. Am. Mus. Novit., 2863:3.

TYPE SPECIES: *Adelastes hylonomus* Zweifel, 1986, by original designation.

DISTRIBUTION: As for the single species.

COMMENT: According to original description, *Adelastes* is most closely related to *Arcovomer*, *Chiasmocelis*, *Hamptophryne*, and *Syncope*.

Adelastes hylonomus Zweifel, 1986. Am. Mus. Novit., 2863:4.

TYPE(S): Holotype: AMNH 123696.

TYPE LOCALITY: Near the Neblina base camp on the Río Baria, 140 m (00°49'50"N, 66°09'40"W), Río Negro Department, Amazonas Federal Territory, Venezuela.

DISTRIBUTION: Vicinity of the type locality in southern Venezuela.

Arcovomer passarellii

DISTRIBUTION: Change to read: Rio de Janeiro and northeastern São Paulo, Brazil.

Authority: Pombal and Bastos, 1992, Herpetol. Rev., 23:85.

Ctenophryne

DISTRIBUTION: Change to read: Guianan and Amazonian South America; Pacific lowlands of Colombia.

Ctenophryne minor Zweifel and Myers, 1989. Am. Mus. Novit., 2947:3.

TYPE(S): Holotype: AMNH 88977.

TYPE LOCALITY: Quebrada Guanguí, about 0.5 km above its junction with the Río Patia (about 02°50'N, 77°25'W), 100–200 m, upper Río Saija drainage, Departamento Cauca, Colombia.

DISTRIBUTION: Known only from the type locality in southwestern Colombia.

Elachistocleis

COMMENT: Add to beginning: The type species, *Rana ovalis* Schneider, 1799, also is the type species of *Engystoma* Fitzinger, 1826, thereby making *Elachistocleis* an objective junior synonym of *Engystoma*. Dubois, 1987, Alytes, 6:75–84, has discussed the nomenclature and has submitted a request to the Internat. Comm. Zool. Nomencl. to conserve *Elachistocleis*.

Elachistocleis surinamensis

DISTRIBUTION: Change to read: Venezuelan Guyana to Surinam, Trinidad.

Authority: Rivero, Langone, and Prigioni, 1986, *Comun. Zool. Mus. Hist. Montevideo*, 11 (157):6–7.

Gastrophryne

TYPE SPECIES: Change monotypy to read: original designation.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:136.

Glossostoma

Delete. Preoccupied by *Glossostoma* LeConte, 1851 (Platyhelminthes); the replacement name is *Nelsonophryne* Frost, 1987.

Authority: Frost, 1987, *Copeia*, 1987:1025.

Glossostoma aequatoriale

Change to: *Nelsonophryne aequatorialis* (Peracca, 1904).

Authority: Frost, 1987, *Copeia*, 1987:1025.

Glossostoma aterrimum

Change to: *Nelsonophryne aterrima* (Günther, 1900).

ORIGINAL NAME: *Glossostoma aterrimum*.

Authority: Frost, 1987, *Copeia*, 1987:1025.

Glyphoglossus

Change to read: *Glyphoglossus* Günther, 1869 “1868”.

TYPE SPECIES: Change to read: *Glyphoglossus molossus* Günther, 1869 “1868”, by monotypy.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:129.

Glyphoglossus molossus

Change to read: *Glyphoglossus molossus* Günther, 1869 “1868”.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:129.

Kalophrynus

TYPE SPECIES: Change to read: *Kalophrynus pleurostigma* Tschudi, 1838, by monotypy.

Kalophrynus baluensis Kiew, 1984. *Malay. Nat. J.*, 38:152.

TYPE(S): Holotype: BM 1929.12.22.51.

TYPE LOCALITY: Kamboranga, 7200 ft, Mount Kinabalu, Sabah, Malaysia.

DISTRIBUTION: Montane forest on Mount Kinabalu.

Kaloula pulchra

DISTRIBUTION: Change to read: Nepal and southern China...

Authority: Dubois, 1987 “1986”, *Alytes*, 5:141.

Microhyla

TYPE SPECIES: Change second line to read: 1838) by monotypy.

COMMENT: Add to end: Dubois, 1987, *Alytes*, 6:1–9, recognized two subgenera—*Diplopelma* Günther, 1859 “1858”, a replacement name for *Siphneus* Fitzinger, 1843 (type species:

Engystoma ornatum Duméril and Bibron, 1841) and *Microhyla* Tschudi, 1838 (type species *Microhyla achatina* by monotypy).

Microhyla achatina

COMMENT: Subgenus *Microhyla* (*achatina* group).

Authority: Dubois, 1987, *Alytes*, 6:3.

Microhyla annamensis

COMMENT: Change to read: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla annectens

COMMENT: Add to beginning: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla berdmorei

COMMENT: Change to read: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla borneensis

COMMENT: Add to beginning: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla butleri

COMMENT: Add to beginning: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla chakrapanii

COMMENT: Subgenus *Microhyla* (*achatina* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla fowleri Taylor, 1934. Proc. Acad. Nat. Sci. Philadelphia, 86:284.

TYPE(S): Holotype: ANSP 19903.

TYPE LOCALITY: Chiang Mai, Thailand.

DISTRIBUTION: Northern Thailand and adjacent China.

COMMENT: Subgenus *Microhyla* (*berdmorei* group). Considered to be a synonym of *Microhyla berdmorei* by Bourret, 1942, Batr. Indochine:509, and Taylor, 1962, Univ. Kansas Sci. Bull., 43:560, but recognized as a distinct species by Dubois, 1987, Alytes, 6:3.

Microhyla fusca

COMMENT: Subgenus *Microhyla* (*achatina* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla heymonsi

COMMENT: Subgenus *Microhyla* (*achatina* group).

Microhyla inornata

Change to: *Micryletta inornata* (Boulenger, 1890).

ORIGINAL NAME: *Microhyla inornata*.

COMMENT: Change last sentence to read: Dubois, 1987, Alytes, 6:4, recognized two subspecies.

Authority: Dubois, 1987, Alytes, 6:4.

Microhyla maculifera Inger, 1989. Malay. Nat. J., 42:233.

TYPE(S): Holotype: FMNH 231272.

TYPE LOCALITY: Danum Valley Field Centre, Lahad Datu District, Sabah, Borneo.

DISTRIBUTION: Known only from type locality in Borneo.

Microhyla mixtura

COMMENT: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla okinavensis Stejneger, 1901, Proc. Biol. Soc. Washington, 14: 89.

TYPE(S): USNM 36553.

TYPE LOCALITY: Okinawa Shima, Ryukyu Archipelago, Japan.

DISTRIBUTION: Ryukyu Archipelago.

COMMENT: Subgenus *Diplopelma*. Considered to be a synonym of *Microhyla ornata* by Inger, 1947, Fieldiana: Zool., 52:324; recognized as a distinct species by Dubois, 1987, Alytes, 6:4.

Microhyla ornata

DISTRIBUTION: Change line 2 to read: to Nepal and southern China.

Authority: Dubois, 1987 "1986", Alytes, 5:141.

COMMENT: Add to beginning: Subgenus *Diplopelma*.

Authority: Dubois, 1987, Alytes, 6:4.

Microhyla palmata

Change to: *Paradoxophyla palmata* (Guibé, 1974).

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:36.

Microhyla palmipes

COMMENT: Add to beginning: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla perparva

COMMENT: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla petrigena

COMMENT: Subgenus *Microhyla* (*berdmorei* group).

Microhyla picta

COMMENT: Subgenus *Diplopelma*.

Authority: Dubois, 1987, Alytes, 6:4.

Microhyla pulchra

COMMENT: Add to beginning: Subgenus *Diplopelma*.

Authority: Dubois, 1987, Alytes, 6:4.

Microhyla rubra

COMMENT: Subgenus *Diplopelma*.

Authority: Dubois, 1987, Alytes, 6:4.

Microhyla superciliaris

COMMENT: Add to beginning: Subgenus *Microhyla* (*berdmorei* group).

Authority: Dubois, 1987, Alytes, 6:3.

Microhyla zeylanica

COMMENT: Add to beginning: Subgenus *Microhyla* (*achatina* group).

Authority: Dubois, 1987, Alytes, 6:3.

Micryletta Dubois, 1987, Alytes, 6:4.

TYPE SPECIES: *Microhyla inornata* Boulenger, 1890, by original designation.

DISTRIBUTION: Burma and China to Malaya and Sumatra.

Micryletta inornata (Boulenger, 1890).

Changed from: *Microhyla inornata*.

ORIGINAL NAME: *Microhyla inornata*.

COMMENT: Change last sentence to read: Dubois, 1987, Alytes, 6:4, recognized two subspecies.

Authority: Dubois, 1987, Alytes, 6:4.

Micryletta steinegeri (Boulenger, 1909). Ann. Mag. Nat. Hist., (8)4:494.

ORIGINAL NAME: *Microhyla steinegeri*.

TYPE(S): Syntypes: BM 1909.10.29.92–96.

TYPE LOCALITY: Kanshirei, Taiwan.

DISTRIBUTION: Taiwan.

COMMENT: The spelling of the specific name as *stejnegeri* is an unjustified emendation. Synonymy includes *Rana gracilipes* Gressitt, 1938, Proc. Biol. Soc. Washington, 51:161, according to Dubois, 1987, Alytes, 6:8 (also see Matsui and Busack, 1985, Herpetologica, 41:159).

Nelsonophryne Frost, 1987. Copeia, 1987:1025.

TYPE SPECIES: *Glossostoma aterrimum* Günther, 1900, by original designation.

DISTRIBUTION: Costa Rica, Panama, Colombia, and Ecuador.

COMMENT: *Nelsonophryne* is a replacement name for *Glossostoma* Günther, 1900, which is a junior homonym of *Glossostoma* Le Conte, 1851 (Platyhelminthes: Turbellaria). Parker, 1934, Monogr. Frogs Fam. Microhylidae:143, 146, included these species in *Microhyla*; Carvalho, 1954, Occas. Pap. Mus. Zool. Univ. Michigan, 555:11, recognized them as generically distinct (*Glossostoma*). This action was supported by karyotypic evidence provided by Bogart and Nelson, 1976, Herpetologica, 32:204.

Nelsonophryne aequatorialis (Peracca, 1904).

Changed from: *Glossostoma aequatoriale*.

Authority: Frost, 1987, Copeia, 1987:1025.

Nelsonophryne aterrima (Günther, 1900).

Changed from: *Glossostoma aterrimum*.

ORIGINAL NAME: *Glossostoma aterrimum*.

Authority: Frost, 1987, Copeia, 1987:1025.

Ramanella

TYPE SPECIES: Change to read: *Ramanella simbiotica* Rao and Ramanna, 1925 (= *Callula variegata* Stoliczka, 1872), by monotypy.

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Ramanella triangularis

Change to read: *Ramanella triangularis* (Günther, 1876 “1875”).

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Uperodon

TYPE SPECIES: Change to read: *Engystoma marmoratum* Guérin-Méneville, 1838 (= *Rana systoma* Schneider, 1799), by monotypy.

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

SUBFAMILY: Otophryninae Wassersug and Pyburn, 1987.

CITATION: Zool. J. Linn. Soc., 91:166.

DISTRIBUTION: Northern South America.

NOTE: Includes *Otophryne*, formerly placed in the Microhylinae.

SUBFAMILY: Phrynomerinae Noble, 1931.

Phrynomantis Peters, 1867. Monatsber. Preuss Akad. Wiss. Berlin, 1867:35.

TYPE SPECIES: *Brachymerus bifasciatus* Smith, 1847.

DISTRIBUTION: Sub-Saharan Africa.

COMMENT: *Phrynomantis* is a replacement name for *Brachymerus* Smith, 1847, Illus. Zool. S. Afri., Rept.:63, which is preoccupied. *Phrynomerus* Noble, 1926, Am. Mus. Novit., 237:20, also was proposed as a replacement name for *Brachymerus*. *Phrynomerus* Noble, 1926 is a junior objective synonym of *Phrynomantis* Peters, 1867 (Dubois, 1989 "1988", Alytes, 7:1–5).

Phrynomantis affinis Boulenger, 1901.

Changed from: *Phrynomerus affinis*.

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

Phrynomantis annectens Werner, 1910.

Changed from: *Phrynomerus annectens*.

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

COMMENT: Includes *Ctenophryne marmorata* Ahl, 1935, according to Zweifel, 1989, Copeia, 1989:229–231.

Phrynomantis bifasciatus (Smith, 1847).

Changed from: *Phrynomerus bifasciatus*.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

Phrynomantis microps Peters, 1875.

Changed from: *Phrynomerus microps*.

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

Phrynomantis somalicus (Scortecci, 1941). Atti. Soc. Ital. Sci. Nat. Mus. Civ. Stor. Nat. Milano, 80:177.

ORIGINAL NAME: *Fichteria somalica*.

TYPE(S): MSNG (?).

TYPE LOCALITY: Giohar, Somalia.

DISTRIBUTION: Southern Somalia.

COMMENT: Regarded as specifically distinct from *Phrynomerus* (= *Phrynomantis*) *bifasciatus* by Lanza, 1990, Biogeographia, 14:409.

Phrynomerus

Delete. Synonym of *Phrynomantis* Peters, 1867.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

Phrynomerus affinis

Change to: *Phrynomantis affinis* Boulenger, 1901.

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

Phrynomerus annectens

Change to: *Phrynomantis annectens* Werner, 1910.

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

COMMENT: Includes *Ctenophryne marmorata* Ahl, 1935, according to Zweifel, 1989, Copeia, 1989:229–231.

Phrynomerus bifasciatus

Change to *Phrynomantis bifasciatus* (Smith, 1847).

Authority: Dubois, 1989 "1988", Alytes 7:1–5.

Phrynomerus microps

Change to: *Phrynomantis microps* Peters, 1875.

ORIGINAL NAME: Delete.

Authority: Dubois, 1989 “1988”, Alytes 7:1–5.

SUBFAMILY: Scaphiophryninae Laurent, 1946.*Paradoxophyla* Blommers-Schlösser and Blanc, 1991. Faune de Madagascar:34.

TYPE SPECIES: *Microhyla palmata* Guibé, 1974, by original designation.

DISTRIBUTION: As for the single species.

COMMENT: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34—37, recognized a separate genus for *Microhyla palmata* Guibé, which has osteological features of the Scaphiophryninae and larval characteristics of the Microhylinae. Recognized as a family without comment by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:309.

Paradoxophyla palmata (Guibé, 1974 “1973”. Bull. Mus. Natl. Hist. Nat., Paris, (Zool.)116:1188.

Changed from: *Microhyla palmata*.

ORIGINAL NAME: *Microhyla palmata*.

TYPE(S): Holotype: MHNP 1973-1146.

TYPE LOCALITY: Chaînes Anosyennes, Ambana, Madagascar.

DISTRIBUTION: Vicinity of the type locality on the lower eastern slopes in central Madagascar.

Pseudohemisus

Delete. Synonym of *Scaphiophryne*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:21.

Pseudohemisus calcaratum

Change to: *Scaphiophryne calcarata*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:27.

Pseudohemisus granulosum

Delete. Synonym of *Scaphiophryne calcarata*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:27.

Pseudohemisus madagascariense

Change to: *Scaphiophryne madagascariensis*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:23.

Pseudohemisus obscurum

Change to: *Scaphiophryne obscura*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34.

Pseudohemisus pustulosum

Change to: *Scaphiophryne pustulosa*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:25.

Pseudohemisus verrucosum

Change to: *Scaphiophryne verrucosa*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34.

Scaphiophryne

TYPE SPECIES: Change to read: *Scaphiophryne marmorata* Boulenger, 1882, by monotypy.

Authority: Dubois, 1987 “1986”, Alytes, 5:136.

COMMENT: Change to read: For review and synonymies see Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:21–34, who placed *Pseudohemismus* in the synonymy of *Scaphiophryne*. Reviewed by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:171–175.

Scaphiophryne brevis (Boulenger, 1896). Ann. Mag. Nat. Hist., (6) 7:403.

ORIGINAL NAME: *Calophrynus brevis*.

TYPE(S): Holotype: BM 1947.2.7.42.

TYPE LOCALITY: Southwestern Madagascar.

DISTRIBUTION: Lowlands of southern and southwestern Madagascar.

COMMENT: Resurrected from the synonymy of *Scaphiophryne calcarata* by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:30.

Scaphiophryne calcarata (Mocquard, 1895).

Changed from: *Pseudohemismus calcaratum*.

DISTRIBUTION: Change to read: Western and southern Madagascar.

COMMENT: Synonymy includes *Pseudohemismus granulorum* Guibe, 1952, according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:27.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:27.

Scaphiophryne gottlebei Busse and Böhme, 1992. Rev. Français Aquariol., 19:60.

TYPE(S): Holotype: ZFMK 53543,

TYPE LOCALITY: Montagne de l'Isalo, Vallée des Singes, western Madagascar.

DISTRIBUTION: Known only from the type locality.

Scaphiophryne madagascariensis (Boulenger, 1882).

Changed from: *Pseudohemismus madagascariense*.

DISTRIBUTION: Change to read: Eastern slopes of mountains in southern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:23.

Scaphiophryne obscura (Grandidier, 1872).

Changed from: *Pseudohemismus obscurum*.

COMMENT: Change to read: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34, considered the status of this species dubious; not recognized by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:171–175.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34.

Scaphiophryne pustulosa (Angel and Guibé, 1945).

Changed from: *Pseudohemismus pustulosum*.

ORIGINAL NAME: *Pseudohemismus pustulosum*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:25.

Scaphiophryne verrucosa (Angel, 1930).

Changed from: *Pseudohemismus verrucosum*.

COMMENT: Change to read: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34, considered the status of this species dubious; not recognized by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:171–175.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:34.

FAMILY: Myobatrachidae Schlegel, 1850.

CITATION: Change to read: Proc. Zool. Soc. London, 1850:10.

Authority: Dubois, 1987 “1986”, Alytes, 5:127.

SUBFAMILY: Limnodynastinae.*Mixophyes*

DISTRIBUTION: Change to read: Eastern Australia and southern New Guinea.

COMMENT: Change line 1 to read: ... 93:52–59, and Corben and Ingram, 1987, Mem. Queensland Mus., 25:233–237, for a ...

Mixophyes fasciolatus

TYPE(S): Add to end: BM 1947.2.19.89 designated lectotype by Corben and Ingram, 1987, Mem. Queensland Mus., 25:236.

Mixophyes fleayi Corben and Ingram, 1987. Mem. Queensland Mus., 25:233.

TYPE(S): Holotype: QM J26901.

TYPE LOCALITY: Ballanjui Cascades, Lamington National Park (28°12'S, 153°05'E). southeastern Queensland, Australia.

DISTRIBUTION: Montane rainforests from the Conondale Range, southeastern Queensland, to the Richmond Range, northeastern New South Wales, Australia.

Mixophyes hihiorlo Donnellan, Mahony, and Davies, 1990. Herpetologica, 46:267.

TYPE(S): Holotype: AM R120828.

TYPE LOCALITY: Namosado (06°15'S, 142°47'E), Southern Highlands Province, Papua New Guinea.

DISTRIBUTION: Known only from the type locality.

Neobatrachus fulvus Mahony and Roberts, 1986. Rec. W. Aust. Mus., 13:157.

TYPE(S): Holotype: WAM 52994.

TYPE LOCALITY: Exmouth (21°56'S, 114°07'E), Western Australia, Australia.

DISTRIBUTION: Central coastal Western Australia.

Neobatrachus kunapalari Mahony and Roberts, 1986. Rec. W. Aust. Mus., 13:163.

TYPE(S): Holotype: WAM 93485.

TYPE LOCALITY: 8.9 km south of Merredin (31°22'S, 118°15'E), Western Australia, Australia.

DISTRIBUTION: Central coastal Western Australia.

Neobatrachus sutor

DISTRIBUTION: Change to read: Southwestern Western Australia reaching the southwest of the Northern Territory and northwest of South Australia.

Notaden

COMMENT: Change to read: The most recent review is by Shea and Johnstone, 1988, Trans. R. Soc. S. Aust., 112:29–37.

Notaden weigeli Shea and Johnston, 1988. Trans. R. Soc. S. Aust., 112:29.

TYPE(S): Holotype: WAM R77419.

TYPE LOCALITY: Sandstone Creek (14°53'30" S, 125°45'99" E), Western Australia, Australia.

DISTRIBUTION: Kimberley Division, Western Australia, Australia.

Philoria

DISTRIBUTION: Change to read: As for the single species.

Rheobatrachus vitellinus

TYPE LOCALITY: Change "Engella" to "Eungella".

SUBFAMILY: Myobatrachinae Schlegel, 1850.

COMMENT: Change line 2 to read: ... Novit. Zool., 42:2 ...

Authority: Dubois, 1987 "1986", Alytes, 5:127.

Arenophryne rotunda

DISTRIBUTION: Change to read: Coastal Western Australia from Shark Bay south to Kalbarri National Park.

Geocrinia alba Wardell-Johnson and Roberts, 1989. Landscape, 5(1):7.

TYPE(S): Syntypes: WAM R94457, 94466, 95955–72. WAM R94466 designated lectotype by Roberts, Wardell-Johnson, and Barendse, 1990, Rec. W. Aust. Mus., 14:433.

TYPE LOCALITY: Bruce Road, 11.5 km south of Witchcliffe (34°03'S, 115°10'E), Western Australia, Australia.

DISTRIBUTION: Extreme southwestern Western Australia.

COMMENT: Related to *Geocrinia vitellina* according to Roberts, Wardell-Johnson, and Barendse, 1990, Rec. W. Aust. Mus., 14:427–437.*Geocrinia lutea* (Main, 1963). West. Aust. Nat., 8:143.ORIGINAL NAME: *Crinia lutea*.

TYPE(S): Holotype: WAM R17616.

TYPE LOCALITY: National Park, Nonalup, Western Australia, Australia.

DISTRIBUTION: Southwestern coastal Western Australia.

COMMENT: Resurrected from the synonymy of *Geocrinia rosea* by Roberts, Wardell-Johnson, and Barendse, 1990, Rec. W. Aust. Mus., 14:435.*Geocrinia vitellina* Wardell-Johnson and Roberts, 1989. Landscape, 5(1):7.

TYPE(S): Syntypes: WAM R86472–83, R94467. WAM R94467 designated lectotype by Roberts, Wardell-Johnson, and Barendse, 1990, Rec. W. Aust. Mus., 14:428.

TYPE LOCALITY: Intersection of Spearwood Creek and Denny Road, 20.4 km east-southeast of Witchcliffe (34°04'S, 115°19'E), Western Australia, Australia.

DISTRIBUTION: Vicinity of the type locality in extreme southwestern Australia.

COMMENT: Most closely related to *Geocrinia alba* according to Roberts, Wardell-Johnson, and Barendse, 1990, Rec. W. Aust. Mus., 14:427–437.*Metacrinia* Parker, 1940. Novit. Zool., 42:93.TYPE SPECIES: *Pseudophryne nichollsi* Harrison, 1927, by original designation.

DISTRIBUTION: As for the single species.

COMMENT: Roberts and Maxson, 1989, Syst. Zool., 38:154–165, concluded that *Metacrinia* and *Myobatrachus* are sister taxa.*Metacrinia nichollsi* (Harrison, 1927).Changed from: *Pseudophryne nichollsi*.ORIGINAL NAME: *Pseudophryne nichollsi*.

Authority: Roberts and Maxson, 1989, Syst. Zool. 38:154–165.

*Pseudophryne*TYPE SPECIES: Change to read: *Bombinator australis* Gray, 1825, by original designation.

Authority: Dubois, 1987 "1986", Alytes, 5:133.

*Pseudophryne nichollsi*Change to: *Metacrinia nichollsi* (Harrison, 1927).

Authority: Roberts and Maxson, 1989, Syst. Zool. 38:154–165.

Taudactylus pleione Czechura, 1986, Mem. Queensland Mus., 22:299.

TYPE(S): Holotype: QM 42392.

TYPE LOCALITY: Headwaters of Kroombit Creek, Kroombit Tops via Calliope (24°27'S, 150°26'E), Queensland, Australia.

DISTRIBUTION: Type locality in southeastern Queensland, Australia.

Uperoleia

COMMENT: Change to read: The systematics and biology of the genus was revised by Tyler, Davies, and Martin, 1981, Aust. J. Zool., Suppl. Ser., 79:1–64; Davies and Littlejohn, 1986, Trans. R. Soc. S. Aust., 110:111–143; and Davies, McDonald, and Corben, 1986, Proc. R. Soc. Victoria, 98:147–188.

Uperoleia capitulata Davies, McDonald, and Corben, 1986. Proc. R. Soc. Victoria, 98:163.

TYPE(S): Holotype: QM J26428.

TYPE LOCALITY: Bollon (28°02'S, 147°29'E), Queensland, Australia.

DISTRIBUTION: Southwestern Queensland and northwestern New South Wales, Australia.

Uperoleia crassa

DISTRIBUTION: Change to read: Mitchell Plateau and Phillips Range, Kimberley Division, Western Australia.

COMMENT: Redefined by Tyler, Davies, and Watson, 1987, Rec. W. Aust. Mus., 13:546.

Uperoleia fimbrianus

Delete: Synonym of *Uperoleia rugosa*.

Authority: Davies and Littlejohn, 1986, Trans. Roy. Soc. S. Aust., 109:111–143.

Uperoleia fusca Davies, McDonald, and Corben, 1986. Proc. R. Soc. Victoria, 98:167.

TYPE(S): Holotype: SAM R29596.

TYPE LOCALITY: Adjacent to southern boundary of Eungella National Park, 1.2 km along Crediton road from Broken River Crossing (21°10'15"S, 148°30'10"E), Queensland, Australia.

DISTRIBUTION: Coastal region from central Queensland to central New South Wales, Australia.

Uperoleia glandulosa Davies, Mahony, and Roberts, 1985. Trans. R. Soc. S. Aust., 109:103.

TYPE(S): Holotype: WAM R89489.

TYPE LOCALITY: Petermarer Creek, Port Hedland-Broome Rd (21°23'26"S, 118°48'21"E), Western Australia, Australia.

DISTRIBUTION: Pilbara region of north-central Western Australia.

Uperoleia inundata

TYPE LOCALITY: Change to read: "Jabiru, East Alligator River Region, Northern Territory (26°28' S, 132°56' E)", Australia.

DISTRIBUTION: Change to read: Northern part of Northern Territory, Groote Eylandt, and western and southern coasts of the Gulf of Carpentaria into northwestern Queensland, Australia.

Authority: Davies, McDonald, and Corben, 1986, Proc. R. Soc. Victoria, 98:160.

Uperoleia laevigata

DISTRIBUTION: Change to read: Eastern Victoria, eastern New South Wales, and southeastern Queensland, Australia.

Uperoleia lithomoda

DISTRIBUTION: Change to read: Northern Australia from the Kimberly Division in Western Australia to the Cape York Peninsula, including Groote Eylandt.

COMMENT: Add to end: Synonymy includes *Uperoleia variegata*, according to Tyler, Davies, and Watson, 1987, Rec. W. Aust. Mus., 13:547–549.

Authority: Davies, McDonald, and Corben, 1986. Proc. R. Soc. Victoria, 98:154.

Uperoleia littlejohni Davies, McDonald, and Corben, 1986. Proc. R. Soc. Victoria, 98:175.

TYPE(S): Holotype: QM J45949.

TYPE LOCALITY: Occupational Licence 410, Burra Range (20°33'S, 145°05'E), Queensland, Australia.

DISTRIBUTION: Northeastern and north-central Queensland, Australia.

Uperoleia marmorata

DISTRIBUTION: Change to read: Known only from the type.

Uperoleia martini Davies and Littlejohn, 1986. Trans. R. Soc. S. Aust., 110:129.

TYPE(S): Holotype: NMM D23635.

TYPE LOCALITY: 4.8 km southwest of Nowa Nowa (37°44'S, 146°06'E), Victoria, Australia.

DISTRIBUTION: Coastal eastern Victoria and New South Wales, Australia.

Uperoleia micromeles

DISTRIBUTION: Change to read: Tanami Desert, Northern Territory and Western Australia, Australia.

Uperoleia mimula Davies, McDonald and Corben, 1986. Proc. R. Soc. Victoria, 98:178.

TYPE(S): Holotype: QM J45943.

TYPE LOCALITY: Lakefield Ranger Station (14°56'S, 144°12'E), Queensland, Australia.

DISTRIBUTION: Northeastern Queensland to Cape York Peninsula, Australia; islands in Torres Strait, and southern Papua New Guinea.

Uperoleia mjobergi

COMMENT: Tyler, Davies, and Watson, 1987, Rec. W. Aust. Mus., 13:549, redefined the species.

Uperoleia orientalis

DISTRIBUTION: Change to read: Northern Territory, Australia.

COMMENT: Change last sentence to read: Davies, 1989, Trans. R. Soc. S. Aust., 113:115, discussed the distribution.

Uperoleia rugosa

COMMENT: Change to read: Davies and Littlejohn, 1986, Trans. Roy. Soc. S. Aust., 109:111–143, redefined the species and included *Pseudophryne fimbrianus* Parker, 1926, in the synonymy.

Uperoleia talpa

DISTRIBUTION: Change to read: Vicinity of Derby and Broome, Kimberley Division, Western Australia.

COMMENT: Redefined by Davies and Martin, 1988, Trans. R. Soc. S. Aust., 112:87.

Uperoleia trachyderma

DISTRIBUTION: Change to read: Confined to gray self-mulching cracking clay soils of northeastern Western Australia, the Northern Territory and western Queensland, Australia.

Authority: Davies, McDonald, and Corben, 1986, Proc. R. Soc. Victoria, 98:163.

Uperoleia tyleri Davies and Littlejohn, 1986. Trans. R. Soc. S. Aust., 110:132.

TYPE(S): Holotype: NMM D23633.

TYPE LOCALITY: Jervis Bay (35°03'S, 150°44'E), Australian Capital Territory, Australia.

DISTRIBUTION: Coastal eastern Victoria and New South Wales, Australia.

Uperoleia variegata

Delete. Synonym of *Uperoleia lithomoda*.

Authority: Tyler, Davies, and Watson, 1987, Rec. W. Aust. Mus., 13:547–549.

FAMILY: Pelobatidae Bonapart, 1850.

COMMENT: Change line 11 to read: ... arrangement. Tian and Hu, 1985, Acta Herpetol. Sinica, 4:219–224, named the subfamily Oreolalaxinae to include the following genera formerly included in the Megophryinae: *Leptobrachium*, *Leptolalax*, *Oreolalax*, and *Scutiger*. According to Dubois, 1987 “1986”, Alytes, 5:173–174, this family-group name, which should be amended to Oreolalaginae, is a strict synonym of Leptobrachiinae Dubois, 1980. See comment ...

SUBFAMILY: Megophryinae Noble, 1931.*Arympanophrys*

Delete. Subgenus of *Megophrys*.

Authority: Dubois, 1987 “1986”, Alytes, 5:23.

Arympanophrys shapingensis

Change to: *Megophrys shapingensis* Liu, 1950. Fieldiana: Zool. Mem., 2:194.

Authority: Dubois, 1987 “1986”, Alytes, 5:23.

Brachytarsophrys

Delete. Subgenus of *Megophrys*.

Authority: Dubois, 1987 “1986”, Alytes, 5:23.

Brachytarsophrys carinensis

Change to: *Megophrys carinensis* (Boulenger, 1899).

Authority: Dubois, 1987 “1986”, Alytes, 5:23.

Leptobrachella

Change to read: *Leptobrachella* Smith, 1925. Bull. Raffles Mus., 3(8):13.

TYPE SPECIES: Change to read: *Leptobrachella mjobergi* Smith, 1925, by monotypy.

Authority: Dubois, 1980, Mull. Mens. Soc. Linn. Lyon, 49:469–482.

Leptobrachella palmata Inger and Stuebing, 1991. Raffles Bull. Zool., 39:101.

TYPE(S): Holotype: FMNH 236820.

TYPE LOCALITY: “small tributary of Sungai Liwagu, 310 m above sea level, Lipaso Forest Reserve, Labuk and Sugut District, Sabah,” Borneo.

DISTRIBUTION: Known only from the type locality in Borneo.

Leptobrachella serasanae

DISTRIBUTION: Change to read: Sabah, Borneo, and Pulau Serasan, South Bunguran Islands, Indonesia.

Leptobrachium liui

COMMENT: Add: Also see Huang, Gu and Zong, 1984, J. Hangzhou Normal College (Nat. Hist.), 1984(1):14, who included *Vibrissaphora jiulongshanensis* Wie and Zhao, 1981, in the synonymy. Wu and Zhao, 1987, Acta Herpetol. Sinica, 6:42–44, placed *Vibrissaphora yaoshanensis* Liu and Hu, 1981, in the synonymy.

Leptobrachium pullus

Change to read: *Leptobrachium pullum* (Smith, 1921).

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Leptobrachium yaoshanense

Delete: Synonym of *Leptobrachium liui*.

Authority: Wu and Zhao, 1987, Acta Herpetol. Sinica, 6:42–44.

Leptolalax dringi Dubois, 1987 “1986”. Alytes, 5:13.

TYPE(S): Holotype: BMNH 1978.3

TYPE LOCALITY: Gunong Mulu (camp 4, 1800 m), Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Known only from the type locality.

Leptolalax pelodytoides

COMMENT: Change last sentence to read: Because *Carpophrys* was published anonymously and has no designated type species, it is a *nomen nudum* (Art. 13b, Art. 14, Internat. Code Zool. Nomencl., 1985).

Megophrys

COMMENT: Change to read: See comment under Megophryinae. Dubois, 1987 “1986”, Alytes, 5:23, recognized four subgenera.

Megophrys carinensis (Boulenger, 1899).

Changed from: *Brachytarsophrys carinensis*.

COMMENT: Subgenus *Brachytarsophrys*.

Authority: Dubois, 1987 “1986”, Alytes, 5:23.

Megophrys edwardinae Inger, 1989. Malay. Nat. J., 42:230.

TYPE(S): Holotype: FMNH 148293.

TYPE LOCALITY: Nanga Tekalit, Kapit District, Seventh Division, Sarawak, Borneo.

DISTRIBUTION: Sarawak, northern Borneo.

Megophrys glandulosa Fei, Ye, and Huang, 1992. Zool. Res., Kunming, 13:5.

TYPE(S): Holotype: CIB 873112.

TYPE LOCALITY: Wuliang Shan, Jingdong (1900 m), Yunnan Province, China.

DISTRIBUTION: Vicinity of the type locality at elevations of 1900–2100 m in southwestern China.

Megophrys kempii

COMMENT: Add to beginning: Subgenus *Megophrys*.

Megophrys manshanensis Fei and Ye, 1992. Zool. Res., Kunming, 13:9.

TYPE(S): Holotype: 7510689.

TYPE LOCALITY: Mangshan, Yizhong (1000 m), Hunan Province, China.

DISTRIBUTION: Known only from the type locality in south-central China.

Megophrys microstoma

COMMENT: Change to read: Subgenus *Ophryophryne*.

Megophrys montana

COMMENT: Change line 3 to read: Smith, 1931, Bull. Raffles Mus., 5:12. Synonymy ...

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Megophrys pachyprocta

Change to read: *Megophrys pachyproctus* Huang, 1981.

ORIGINAL NAME: Delete.

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Megophrys parva

DISTRIBUTION: Change to read: Eastern and central Nepal, Sikkim...

COMMENT: Add to end: See Dubois, 1982, Bull. Mus. Natl. Hist. Nat., Paris,(4) 4 (A):266, for discussion of nomenclature.

Megophrys robusta

TYPE(S): Change to read: Syntypes: BM (1), ZSI (4) .

COMMENT: Change to read: Subgenus *Megophrys*. Synonymy includes *Megalophrys major* Boulenger, 1908, Proc. Zool. Soc. London, 1908:416, which is a replacement name for *Xenophrys gigas* Jerdon, 1870, Proc. Asiat. Soc. Bengal, 1870:85, which is preoccupied by *Megalophrys gigas* Blyth, 1854.

Megophrys shapingensis Liu, 1950. Fieldiana: Zool. Mem., 2:194.

Changed from: *Atympanophrys shapingensis*.

ORIGINAL NAME: Delete.

COMMENT: Subgenus *Atympanophrys*.

Authority: Dubois, 1987 "1986", Alytes, 5:23.

Ophryophryne pachyproctus Kuo, 1985. Acta Herpetol. Sinica, 4:41.

TYPE(S): Holotype: YU A8311032

TYPE LOCALITY: Zhushihe, 1000 m, Mengla County, Yunnan Province, China.

DISTRIBUTION: Type locality in southwestern China.

COMMENT: Chinese herpetologists recognize *Ophryophryne* as a distinct genus, but Frost (1985) followed Dubois (1980) and considered *Ophryophryne* as a subgenus of *Megophrys*. If this arrangement is continued, *Ophryophryne pachyproctus* is a junior homonym of *Megophrys pachyprocta* Huang, 1981. On the other hand, if *Ophryophryne* is recognized as a distinct genus, *Megophrys microstoma* (Boulenger, 1903) and *Megophrys poilani* (Bourret, 1937) must be recognized in *Ophryophryne*.

Scutiger

TYPE SPECIES: Change to read: *Bombinator sikimmensis* Blyth, 1854, by monotypy.

COMMENT: Change to read: Three subgenera were recognized by Dubois, 1987 "1986", Alytes, 5:14–23—*Aeleurolalax* Dubois, 1987 "1986" (type species: *Megalophrys weigoldi* Vogt, 1924, by original designation); *Oreolalax* Myers and Leviton, 1962 (type species: *Scutiger pingii* Liu, by original designation), and *Scutiger* Theobald, 1868 (type species: *Bombinator sikimmensis* Blyth, 1854, by monotypy).

Scutiger alticola

Delete. Synonym of *Scutiger boulengeri*.

Authority: Dubois, 1987 "1986", Alytes, 5:17.

Scutiger boulengeri

COMMENT: Change to read: Subgenus *Scutiger*. Dubois, 1987 "1986", Alytes, 5:17 included *Cophophryne alticola* Procter, 1922, Ann. Mag. Nat. Hist., (9)9:583, and *Aeleurophryne tainingensis* Liu, 1950, Fieldiana: Zool. Mem., 2:132, in the synonymy.

Scutiger jingdongensis

Change authors to (Hu, Yang, and Li, 1983).

Scutiger mammatus

TYPE(S): Holotype: Change to read: BMNH 1947.2.22.74 (see Dubois, 1987 "1986", Alytes, 5:21).

Scutiger ningshanensis Fang, 1985. Acta Herpetol. Sinica, 4:305.

TYPE(S): Holotype: DBSNU 83005.

TYPE LOCALITY: Xunyangba, Ningshan County, Shaanxi Province, China.

DISTRIBUTION: Type locality in northeastern China.

COMMENT: Related to *Scutiger chintingensis* according to original description.

Scutiger puxiongensis

Delete. Synonym of *Scutiger schmidtii* Liu, 1947.

Authority: Inger, Zhao, Shaffer, and Wu, 1990, Fieldiana: Zool., N.S., 58:7.

Scutiger schmidtii

COMMENT: Add to end: Synonymy includes *Oreolalax puxiongensis* Liu and Fei, 1979), in Liu, Hu, and Fei, Acta Zootaxon. Sinica, 4:87, according to Inger, Zhao, Shaffer, and Wu, 1990, Fieldiana: Zool., N.S., 58:7.

Scutiger tainingensis

Delete. Synonym of *Scutiger boulengeri*.

Authority: Dubois, 1987 “1986”, Alytes, 5:17.

Scutiger weigoldi (Vogt, 1924). Zool. Anz., 60:342.

ORIGINAL NAME: *Megalophrys weigoldi*.

TYPE(S): Holotype: ZMB 27881.

TYPE LOCALITY: Mount Washan, west of Longchi, Sichuan, China.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Aeleurolalax*. Reviewed by Ohler and Dubois, 1992, J. Herpetol., 26:245–249.

SUBFAMILY: Pelobatinae Bonaparte, 1850.

Scaphiopus

COMMENT: Add to end: Two subgenera were recognized by Dubois, 1987 “1986”, Alytes, 5:130 : *Scaphiopus* Holbrook, 1836 (type species: *Scaphiopus solitarius* Holbrook, 1836 [= *Rana holbrookii* Harlan, 1835], by monotypy, and *Spea* Cope, 1866 (type species: *Scaphiopus bombifrons* Cope, 1863, by original designation). The phylogenetic relationships of the species of *Spea* were hypothesized on the basis of allozyme analyses by Wiens and Titus, 1991, Herpetologica, 47:21–28.

FAMILY: Pipidae Gray, 1825.

CITATION: Change to read: Ann. Philos., (2)10:214.

COMMENT: Change line 5 to read: The first use of the proper name, Pipidae, was by Swainson, 1839, Nat. Hist. Fishes, Amph. Rept., vol. II:88.

Authority: Dubois, 1984, Mem. Mus. Nat. Hist. Nat., Paris, N.S. (A), Zool. 131:27, and Dubois, 1987 “1986”, Alytes, 5:127.

SUBFAMILY: Pipinae Gray, 1825.

COMMENT: Change first line to read: ... was by Metcalf, 1923, Bull. U. S. Natl. Mus., 120:3.

Authority: Dubois, 1984, Mem. Mus. Nat. Hist. Nat., Paris, N.S. (A), Zool. 131:27, and Dubois, 1987 “1986”, Alytes, 5:127.

Pipa

COMMENT: Change to read: Trueb and Cannatella, 1986, Herpetologica, 42:412–449 reviewed the genus.

Pipa arrabali

DISTRIBUTION: Change to read: Guyana, Surinam, eastern Venezuela, and northern and central Brazil.

Authority: Trueb and Cannatella, 1986, *Herpetologica*, 42:431.

Pipa aspera

TYPE(S): Holotype: Change to read: ZSM 19/1923, destroyed; AMNH 107864 designated neotype by Trueb and Cannatella, 1986, *Herpetologica*, 42:432.

TYPE LOCALITY: Change to read: Albina (Unterlauf des Maroni), Surinam; neotype from Browns Berg Nature Park (near Maroni Top), 430 m, Brokopondo District, Surinam.

DISTRIBUTION: Change to read: Known only from two localities in northern Surinam.

Authority: Trueb and Cannatella, 1986, *Herpetologica*, 42:432–434.

Pipa carvalhoi

TYPE(S): Change to read: MN 533 designated as lectotype by Caramaschi, 1989, *J. Herpetol.*, 23:192.

TYPE LOCALITY: Change to read: Restricted to Poção Municipality (08°11'S, 36°42'W), State of Pernambuco, Brazil, by Caramaschi, 1989, *J. Herpetol.*, 23:192.

Pipa snethlageae

TYPE(S): Holotype: Change to read: ZSM 1/1914, destroyed; ZSM 54/1914 (a topotype) designated neotype by Trueb and Cannatella, 1986, *Herpetologica*, 42:440.

DISTRIBUTION: Change to read: Amazonian Brazil, Colombia, and Peru.

Authority: Trueb and Cannatella, 1986, *Herpetologica*, 42:440–441.

SUBFAMILY: Siluraninae Cannatella and Trueb, 1988.

CITATION: *Zool. J. Linn. Soc.*, 94:32.

DISTRIBUTION: Tropical West Africa.

COMMENT: Subfamilial status recognized for the genus *Silurana* by Cannatella and Trueb, 1988, *Zool. J. Linn. Soc.*, 94:1–38.

Silurana Gray, 1864. *Ann. Mag. Nat. Hist.*, (3)14:315.

TYPE SPECIES: *Silurana tropicalis* Gray, 1864, by original designation.

DISTRIBUTION: Tropical West Africa.

COMMENT: The genus *Silurana* was defined and distinguished from *Xenopus* by Cannatella and Trueb, 1988, *Zool. J. Linn. Soc.*, 94:1–38.

Silurana epitropicalis (Fischberg, Colombelli, and Picard, 1982).

Changed from: *Xenopus epitropicalis*.

ORIGINAL NAME: *Xenopus epitropicalis*.

Authority: Cannatella and Trueb, 1988, *Zool. J. Linn. Soc.*, 94:1–38.

Silurana tropicalis. Gray, 1864.

Changed from: *Xenopus tropicalis*.

ORIGINAL NAME: Delete.

Authority: Cannatella and Trueb, 1988, *Zool. J. Linn. Soc.*, 94:1–38.

SUBFAMILY: Xenopodinae Fitzinger, 1843.*Hymenochirus*

TYPE SPECIES: Change to read: *Xenopus boettgeri* Tornier, 1896, by monotypy.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:136.

Pseudhymenochirus

COMMENT: Change to read: Reviewed by Cannatella and Trueb, 1988, J. Herpetol., 22:439–456.

Xenopus epitropicalis.

Change to: *Silurana epitropicalis* (Fischberg, Colombelli, and Picard, 1982).

Authority: Cannatella and Trueb, 1988, Zool. J. Linn. Soc., 94:1–38.

Xenopus laevis

COMMENT: Change line 4 to read: ... *petersi*, *victorianus*, ... Change line 6 to read: ... 93:301; Poynton and Broadley, 1985, Ann. Natal Mus., 26:507–511) and ...

Xenopus longipes Loumont and Kobel, 1991. Rev. Suisse Zool., 98:732.

TYPE(S): Holotype: MHNG 2497.10

TYPE LOCALITY: Lake Oku (06°12'N, 10°28'E, 2219 m), Cameroon.

DISTRIBUTION: Known only from the type locality in northwestern Cameroon.

COMMENT: A polyploid species (2N = 108) according to original description.

Xenopus pygmaeus Loumont, 1986. Rev. Suisse Zool., 93:756.

TYPE(S): Holotype: MHNG 2196/4.

TYPE LOCALITY: Bouchia (03°45'N, 18°10'E; 450 m), 40 km southeast of M'Baiki, Central African Republic.

DISTRIBUTION: Congo River Basin in southern Central African Republic and northern Zaire.

COMMENT: A diploid species in the *Xenopus fraseri* group according to original description.

Xenopus tropicalis.

Change to: *Silurana tropicalis* Gray, 1864.

Authority: Cannatella and Trueb, 1988, Zool. J. Linn. Soc., 94:1–38.

Xenopus wittei

COMMENT: Delete first sentence.

FAMILY: Pseudidae*Lysapsus mantidactylus*

Delete. Synonym of *Pseudis minuta*.

Authority: Klappenbach, 1985, Comun. Zool. Mus. Hist. Nat. Montevideo, 11(150):1–23.

Pseudis minuta

DISTRIBUTION: Change to read: Northeastern Argentina, Uruguay, and extreme southern Brazil (Rio Grande do Sul).

COMMENT: Change to read: Synonymy includes *Pseudis mantidactyla* Cope, 1862, according to Klappenbach, 1985, Comun. Zool. Mus. Hist. Nat. Montevideo, 11(150):1–23.

Pseudis paradoxa

DISTRIBUTION: Change last line to read: Brazil, southeastern Peru, eastern Bolivia, Paraguay, and northeastern Argentine.

Authority: Duellman and Salas, 1991, Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 143:5.

FAMILY: Ranidae Gray, 1825.

Change author and citation to read: **FAMILY: Ranidae** Rafinesque-Schmaltz, 1814. Specchio Sci., 2:102.

Authority: Dubois, 1985 “1986”, Alytes, 4: 66.

COMMENT: Change last two lines to read: ... Hyperoliidae. The Mantellini and Petropedetinae

are recognized here as distinct families, as proposed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:134, and Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313, respectively. Six subfamilies defined by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352 are recognized here; Dubois, 1992, also included the Rhacophoridae as a subfamily of Ranidae. See comments under Arthroleptidae, Mantellidae, and the subfamilies of the Ranidae.

SUBFAMILY: Dicroglossinae Anderson, 1871.

CITATION: J. Asiat. Soc. Bengal, 40:38.

DISTRIBUTION: Africa; Asia and adjacent archipelagos.

COMMENT: Defined as the tribe Dicroglossini by Dubois, 1987 “1986”, Alytes, 5:57–58, and elevated to subfamilial rank by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316, who recognized four tribes: Ceratobatrachini (*Ceratobatrachus*, *Discodeles*, *Ingerana*, *Palmatorappia*, *Platymantis*, *Taylorana*); Conrauii (*Conraua*); Dicroglossini (*Euphlyctis*, *Occidozyga*, *Phrynoglossus*), Limnonectini (*Hoplobatrachus*, *Limnonectes*).

Ceratobatrachus

Transferred to Dicroglossinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316.

Conraua

Transferred to Dicroglossinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316.

Discodeles

Transferred to Dicroglossinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316.

COMMENT: Change to read: As diagnosed and discussed by Boulenger, 1920, Rec. Indian Mus., 20:1–226, *Discodeles* (then treated as a subgenus of *Rana*) included, in addition to those species listed here, several species from India. Noble, 1931, Biol. Amph.:523, considered *Discodeles* a distinct genus for the Solomon Is. species, presumably because they exhibit direct development. The Indian species were placed in *Indirana* by Laurent, 1986, Traite Zool.:761.

Discodeles ventricosus

Delete. Synonym of *Discodeles vogti*.

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

Discodeles vogti Hediger, 1934. Zool. Jahrb. Abt. Syst., 65:485.

ORIGINAL NAME: *Rana vogti*.

TYPE(S): Not stated (ZMB?).

TYPE LOCALITY: Lambussa (= Rambuty) Island, Admiralty Islands.

DISTRIBUTION: Rambuty I., Admiralty Is.

COMMENT: Replacement name for *Rana ventricosus* Vogt, 1912, Sitzungber. Ges. Naturforsch. Freunde Berlin, 1912:8.

Euphlyctis Fitzinger, 1843. Syst. Rept.:31.

TYPE SPECIES: *Rana leschenaultii* Duméril and Bibron, 1841 (= *Rana cyanophlyctis* Schneider, 1799), by original designation.

DISTRIBUTION: Northwestern Africa, southern Arabian Peninsula, Pakistan and India to Afghanistan, Nepal, Malaya, and Sri Lanka.

COMMENT: Recognized as generically distinct from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314–315.

Euphlyctis cornii (Scortecchi, 1929).

Changed from: *Rana cornii*.

ORIGINAL NAME: *Rana cornii*.

TYPE LOCALITY: Change to read: “Pozzi di Giarabà”, ...

COMMENT: Delete.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314-315.

Euphlyctis cyanophlyctis (Schneider, 1799).

Changed from: *Rana cyanophlyctis*.

ORIGINAL NAME: *Rana cyanophlyctis*.

COMMENT: Delete first sentence.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314-315.

Euphlyctis ehrenbergi (Peters, 1863).

Changed from: *Rana ehrenbergi*.

ORIGINAL NAME: *Rana ehrenbergi*.

COMMENT: Change to read: Removed from the synonymy of *Rana cyanophlyctis* by Dubois, 1981, Monit. Zool. Ital., N.S., 15:240.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314-315.

Euphlyctis hexadactylus (Lesson, 1834).

Changed from: *Rana hexadactyla*.

ORIGINAL NAME: *Rana hexadactyla*.

COMMENT: Change to read: See Mondal, 1970, Sci. Cult., 36:138–143, and Kirtisinghe, 1957, Amph. Ceylon:26–29.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314-315.

Hoplobatrachus Peters, 1863. Monatsber. Preuss. Akad. Wiss. Berlin, 1863:449.

TYPE SPECIES: *Hoplobatrachus ceylanicus* Peters, 1863, by monotypy.

DISTRIBUTION: Angola and Zambia to Sudan and Ethiopia; Peninsular India, Sri Lanka, Malaya, Burma, Thailand, and southern China (introduced in Borneo and Madagascar).

COMMENT: Recognized as generically distinct from *Rana* by Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Hoplobatrachus crassus (Jerdon, 1853).

Changed from: *Rana crassa*.

ORIGINAL NAME: *Rana crassa*.

COMMENT: Change first sentence to read: In the *Hoplobatrachus tigerinus* group. Change last line to read: ... *crassa*) and Dubois, 1974, Bull. Mus. Natl. Hist. Nat., (3)213:341–411.

Authority: Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Hoplobatrachus demarchii (Scortecchi, 1929).

Changed from: *Rana demarchii*.

ORIGINAL NAME: *Rana demarchii*.

COMMENT: Change to read: In the *Hoplobatrachus occipitalis* group.

Authority: Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Hoplobatrachus occipitalis (Günther, 1859 “1858”).

Changed from: *Rana occipitalis*.

ORIGINAL NAME: *Rana occipitalis*.

DISTRIBUTION: Change to read: Senegal to Ethiopia, south to northern Zambia, Angola, and western Congo.

COMMENT: Change to read: In the *Hoplobatrachus occipitalis* group.

Authority: Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Hoplobatrachus rugulosus (Wiegmann, 1835).

Changed from: *Rana rugulosa*.

COMMENT: Change first sentence to read: In the *Hoplobatrachus tigerinus* group.

Authority: Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Hoplobatrachus tigerinus (Daudin, 1802).

Changed from: *Rana tigerina*.

ORIGINAL NAME: *Rana tigerina*.

COMMENT: Change first sentence to read: In the *Hoplobatrachus tigerinus* group.

Authority: Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Ingerana Dubois, 1987 "1986". Alytes, 5:64.

TYPE SPECIES: *Rana tenasserimensis* Sclater, 1892, Proc. Zool. Soc. London, 1892:24.

DISTRIBUTION: Western China (Tibet and Yunnan); Burma, adjacent Thailand and peninsular Malaysia; Palawan, Philippines, Borneo.

COMMENT: Some species formerly recognized in *Micrixalus* and *Platymantis* were placed in this genus by Dubois, 1987 "1986", Alytes, 5:64–65, who recognized two subgenera, *Ingerana* and *Liurana* (type species: *Cornufer xizangensis* Hu, 1977). *Rana tenasserimensis* was included in *Indirana* by Laurent, 1986, Traite Zool.:761.

Ingerana baluensis (Boulenger, 1896).

Changed from: *Micrixalus baluensis*.

COMMENT: Add to beginning: Subgenus *Ingerana*. Add to end: *Rana sariba* was recognized as a distinct species of *Ingerana* by Dubois, 1987 "1986", Alytes, 5:65.

Authority: Dubois, 1987 "1986", Alytes, 5:65.

Ingerana liui (Yang, 1983).

Changed from: *Platymantis liui*.

COMMENT: Change to read: Subgenus *Liurana*. Closely related to *Cornufer tenasserimensis* (= *Ingerana tenasserimensis*), according to the original description. See Liu and Hu, 1959, Acta. Zool. Sinica, 11(4):521–522.

Authority: Dubois, 1987 "1986", Alytes, 5:65.

Ingerana mariae (Inger, 1954).

Changed from: *Micrixalus mariae*.

ORIGINAL NAME: *Micrixalus mariae*.

COMMENT: Subgenus *Ingerana*.

Authority: Dubois, 1987 "1986", Alytes, 5:65.

Ingerana reticulata (Zhao and Li, 1984). Acta Herpetol. Sinicia, 3(3):55.

ORIGINAL NAME: *Platymantis reticulatus*.

TYPE(S): Holotype: CIB 8370159.

TYPE LOCALITY: Xirang, 890 m, Medog County, Xizang [= Tibet], China.

DISTRIBUTION: Type locality in Tibet, China.

Ingerana sariba (Shelford, 1905). Ann. Mag. Nat. Hist., (7) 15:209.

ORIGINAL NAME: *Rana sariba*.

TYPE(S): Holotype: BM.

TYPE LOCALITY: Mount Saribau, Sarawak, Borneo.

DISTRIBUTION: Vicinity of type locality in Borneo.

COMMENT: Treated as a synonym of *Micrixalus baluensis* by Inger, 1966, Fieldiana: Zool., 51:155–156, but recognized as a distinct species of *Ingerana* by Dubois, 1987 "1986", Alytes, 5:65.

Ingerana tasanae (Smith, 1921).

Changed from: *Rana tasanae*.

ORIGINAL NAME: *Rana tasanae*.

COMMENT: Change first two sentences to read: Closely related to *Rana beddomii* according to original description. Change line 4 to read: ... preoccupied by *Rana gracilis* var. *pulla*.

Authority: Dubois, 1987 "1986", Alytes, 5:65, 132.

Ingerana tenasserimensis (Sclater, 1892).

Changed from: *Micrixalus tenasserimensis*.

COMMENT: Change to read: Subgenus *Ingerana*. Reviewed by Bourret, 1942, Batr.

Indochine:378–379, as *Cornufer tenasserimensis*. See also account by Berry, 1975, Amph.

Fauna Peninsular Malaysia:87–88. See comment under *Micrixalus borealis*. Previously regarded by some authors as *Micrixalus*, *Platymantis*, or *Indirana*, but placed in *Ingerana* by

Dubois, 1987 "1986", Alytes 5:64.

Ingerana xizangensis (Hu, 1977).

Changed from: *Platymantis xizangensis*.

COMMENT: Change to read: Subgenus *Liurana*.

Authority: Dubois, 1987 "1986", Alytes, 5:65.

Limnonectes Fitzinger, 1843. Syst. Rept.:31.

TYPE SPECIES: *Rana kuhlii* Tschudi, 1838, by original designation.

DISTRIBUTION: Central Africa; Asia from Pakistan and India to Nepal and southern China (including Hainan I. and Taiwan), southern Japan, Philippines, Sri Lanka, Greater and Lesser Sunda Is. to Timor.

COMMENT: Distinguished from *Rana* by Dubois, 1987 "1986", Alytes, 5:60–64, who recognized five subgenera—*Bourretia* Dubois, 1987 (type species: *Rana toumanoffi* Bourret by original designation), *Fejervarya* Bolkaý, 1915 (type species: *Rana limnocharis* Gravenhorst, 1829, by subsequent designation of Dubois, 1981), *Hoplobatrachus* Peters, 1863 (type species *Hoplobatrachus ceylanicus* [= *Rana tigerina* Daudin, 1802], by monotypy), *Limnonectes* Fitzinger, 1843 (type species: *Rana kuhlii* Tschudi, 1838, by original designation), and *Taylorana* Dubois, 1987 "1986" (type species: *Polypedates hascheanus* Stoliczka, 1870, by original designation). Subsequently, Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352 gave generic status to *Hoplobatrachus* and *Taylorana*. *Elachyglossa* Anderson, 1916 (type species: *Elachyglossa gyldenstropei* Anderson, 1916, by monotypy) is based on a juvenile of *Limnonectes*, according to Dubois, 1987 "1986", Alytes, 5:57, who considered the generic name to be a synonym of *Limnonectes*.

Limnonectes acanthi (Taylor, 1923). Philippine J. Sci., 22:523.

ORIGINAL NAME: *Rana acanthi*.

TYPE(S): CAS 62577.

TYPE LOCALITY: Busuanga I., Philippines.

DISTRIBUTION: Balabac, Busuanga, Culion, and Palawan Is., Philippines.

COMMENT: Subgenus *Limnonectes* (*grunniens* group). Recognized as a subspecies of *Rana macrodon* by Inger, 1954, Fieldiana: Zool., 33:287; given species status and assigned to *Limnonectes* by Dubois, 1987 "1986", Alytes, 5:62.

Limnonectes andamanensis (Stoliczka, 1870). J. Asiat. Soc. Bengal, 39:139.

ORIGINAL NAME: *Rana andamanensis*.

TYPE(S): Lectotype: ZSI 8539 (designated by Annandale, 1917, Mem. Asiat. Soc. Bengal, 6:133).

TYPE LOCALITY: Port Blair, South Andaman Island, India..

DISTRIBUTION: Andaman and Nicobar Is., Bay of Bengal.,

COMMENT: Subgenus *Fejervarya*. Resurrected from synonymy of *Limnonectes limnocharis* by

Dubois, 1984, *Alytes*, 3:147, and placed in *Limnonectes* by Dubois, 1987 “1986”, *Alytes*, 5:61.

Limnonectes arathooni (Smith, 1927).

Changed from: *Rana arathooni*.

ORIGINAL NAME: *Rana arathooni*.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes blythii (Boulenger, 1920).

Changed from: *Rana blythii*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes brevipalmatus (Peters, 1871).

Changed from: *Rana brevipalmata*.

ORIGINAL NAME: *Rana brevipalmata*.

COMMENT: Change to read: Provisionally placed in the subgenus *Fejervarya* by Dubois, 1987 “1986”, *Alytes*, 5:61.

Limnonectes cancrivorus (Gravenhorst, 1829)

Changed from: *Rana cancrivora*.

ORIGINAL NAME: *Rana cancrivora*.

DISTRIBUTION: Change last line to read: Flores, Guangxi Zhuang Autonomous Region and Hainan I. (China), Vietnam.

COMMENT: Change first sentence to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:60, and Dubois, 1992, *Bull. Mens. Linn. Soc. Lyon*, 61:315.

Limnonectes corrugatus (Peters, 1863).

Changed from: *Rana corrugata*.

ORIGINAL NAME: *Rana corrugata*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes dabanus (Smith, 1922). *J. Nat. Hist. Soc. Siam*, 4:221.

ORIGINAL NAME: *Rana macrognathus dabana*.

TYPE(S): BM.

TYPE LOCALITY: “Southern Annam”.

DISTRIBUTION: Lang-bai Plateau, Vietnam.

COMMENT: Subgenus *Bourretia*. Recognized as a distinct species of *Limnonectes* by Dubois, 1987 “1986”, *Alytes*, 5:62.

Limnonectes dammermani (Mertens, 1929). *Zool. Anz.*, 86:66.

ORIGINAL NAME: *Rana microdisca dammermani*.

TYPE(S): Holotype: SMF 22100.

TYPE LOCALITY: Sembaloen-Hochebene, 1200 m, Lomбок I.

DISTRIBUTION: Flores and Lomбок in the Lesser Sunda Is.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group). Recognized as a distinct species by Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes diuata (Brown and Alcalá, 1977).

Changed from: *Rana diuata*.

ORIGINAL NAME: *Rana diuata*.

COMMENT: Change to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes doriae (Boulenger, 1887).

Changed from: *Rana doriae*.

ORIGINAL NAME: *Rana doriae*.

COMMENT: Change first sentence to read: Subgenus *Bourretia*.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:62.

Limnonectes finchi (Inger, 1966). *Fieldiana: Zool.*, 52:222.

ORIGINAL NAME: *Rana microdisca finchi*.

TYPE(S): Holotype: FMNH 77499.

TYPE LOCALITY: Kalabakan, Tawau District, Sabah, Borneo.

DISTRIBUTION: Eastern half of Sabah, Borneo.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group). Recognized as a distinct species by Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes fragilis (Liu and Hu, 1973).

Changed from: *Rana fragilis*.

ORIGINAL NAME: *Rana fragilis*.

COMMENT: Change to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes greenii (Boulenger, 1904).

Changed from: *Rana greenii*.

ORIGINAL NAME: *Rana greenii*

COMMENT: Change first sentence to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:61.

Limnonectes grunniens (Sonnini and Latreille, 1801).

Changed from: *Rana grunniens*.

ORIGINAL NAME: *Rana grunniens*.

DISTRIBUTION: Change to read: Java, Celebes, Molucca Is., New Guinea.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63, and Menzies, 1987, *Aust. J. Zool.*, 35:373–418.

Limnonectes gyldenstolpei (Anderson, 1916).

Changed from: *Elachyglossa gyldenstolpei*.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:57.

COMMENT: Add to end: Apparently based on a juvenile; specific status is questionable.

Limnonectes heinrichi (Ahl, 1933).

Changed from: *Rana heinrichi*.

COMMENT: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes ibanorum (Inger, 1966).

Changed from: *Rana ibanorum*.

ORIGINAL NAME: *Rana ibanorum*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Limnonectes ingeri (Kiew, 1978).

Changed from: *Rana ingeri*.

ORIGINAL NAME: *Rana ingeri*.

COMMENT: Change to read: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes kenepaiensis (Inger, 1966). Fieldiana: Zool., 52:232.

ORIGINAL NAME: *Rana paramacrodon kenepaiensis*.

TYPE(S): Holotype: RMNH.

TYPE LOCALITY: Merkata, Kenepai Mountains, western Kalimantan, Borneo.

DISTRIBUTION: Western Borneo.

COMMENT: Subgenus *Limnonectes* (*grunniens* group), according to Dubois, 1987 “1986”, Alytes 5:63.

Limnonectes keralensis (Dubois, 1980).

Changed from: *Rana keralensis*.

ORIGINAL NAME: *Rana (Euphlyctis) keralensis*

COMMENT: Change first sentence to read: Subgenus *Fejervarya*. Change line 2 to read: ...

Günther, 1876 “1875”, ...

Authority: Dubois, 1987 “1986”, Alytes, 5:61, 131–132.

Limnonectes khammonensis (Smith, 1929).

Changed from: *Rana khammonensis*.

ORIGINAL NAME: *Rana khammonensis*.

COMMENT: Add at beginning: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes khasianus (Anderson, 1871).

Changed from: *Rana khasiana*.

ORIGINAL NAME: *Pyxicephalus khasianus*.

COMMENT: Change to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes kohchangae (Smith, 1922).

Changed from: *Rana kohchangae*.

ORIGINAL NAME: *Rana kohchangae*.

COMMENT: Change first sentence to read: Subgenus *Bourretia*.

Authority: Dubois, 1987 “1986”, Alytes, 5:62.

Limnonectes kuhlii (Tschudi, 1838).

Changed from: *Rana kuhlii*.

ORIGINAL NAME: *Rana kuhlii*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes laticeps (Boulenger, 1882).

Changed from: *Rana laticeps*.

ORIGINAL NAME: *Rana laticeps*.

COMMENT: Add to beginning: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes leytensis (Boettger, 1893).

Changed from: *Rana leytensis*.

ORIGINAL NAME: *Rana leytensis*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*microdiscus* group).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes limnocharis (Gravenhorst, 1829). Delic. Mus. Zool. Vratislav.:42.

Changed from: *Rana limnocharis*.

ORIGINAL NAME: *Rana limnocharis*.

DISTRIBUTION: Delete: Philippines

COMMENT: Change first two sentences to read: Subgenus *Fejervarya*. Add: Dubois, 1984,

Alytes, 3:143–159, recognized populations of *Rana limnocharis* from the Andaman Islands as *Rana andamanensis*, from the Philippines as *Rana vittigera*, and from the Nilgiris region of southern India as *Rana nilagirica*. All of these are now recognized in the genus *Limnonectes*; see Dubois, 1987 "1986", Alytes, 5:61.

Limnonectes macrocephalus (Inger, 1954). Fieldiana: Zool., 33:287.

ORIGINAL NAME: *Rana macrodon macrocephala*.

TYPE(S): Holotype: FMNH 40519.

TYPE LOCALITY: Sampaloc, Tayabas Province, Luzon I., Philippines.

DISTRIBUTION: Southern Luzon and Mindoro Is., Philippines.

COMMENT: Subgenus *Limnonectes* (*grunniens* group), according to Dubois, 1987 "1986", Alytes 5:63.

Limnonectes macrodon (Duméril and Bibron, 1841).

Changed from: *Rana macrodon*.

ORIGINAL NAME: *Rana macrodon*.

COMMENT: Change to read: Subgenus *Limnonectes* (*grunniens* group). Reviewed by Inger, 1966,

Fieldiana: Zool., 52:208–212, and Bourret, 1942, Batr. Indochine:255–260. Berry, 1975, Amph. Fauna Peninsular Malaysia:77–78, recognized that *Rana* (= *Limnonectes*) *malesiana* was a distinct species in Malaya; *Limnonectes malesianus* was regarded as a separate species by Dubois, 1987 "1986", Alytes, 5:63.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes macrognathus (Boulenger, 1917).

Changed from: *Rana macrognathus*.

ORIGINAL NAME: *Rana macrognathus*.

COMMENT: Add at beginning: Subgenus *Bourretia*. Delete last sentence.

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Limnonectes magnus (Stejneger, 1909).

Changed from: *Rana magna*.

ORIGINAL NAME: *Rana magna*.

COMMENT: Change to read: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes malesianus (Kiew, 1978).

Changed from: *Rana malesiana*.

ORIGINAL NAME: *Rana malesiana*.

COMMENT: Change to read: Subgenus *Limnonectes* (*grunniens* group). See Dring, 1979, Bull.

Brit. Mus. (Nat. Hist.), Zool., 34:203 (as *Rana macrodon*).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes mawlyndipi (Chanda, 1990). J. Bengal Nat. Hist. Soc., N.S., 9:44.

ORIGINAL NAME: *Rana mawlyndipi*.

TYPE(S): Holotype: ZSI KZ 983.

TYPE LOCALITY: Mawlyndipi, Khasi Hills, Meghalaya, India.

DISTRIBUTION: Known only from the type locality in northeastern India.

COMMENT: Subgenus *Limnonectes* according to Dubois, 1992, Bull. Mens. Soc. Linn Lyon, 61:316.

Limnonectes mawphlangensis (Pillai and Chanda, 1977).

Changed from: *Rana mawphlangensis*.

ORIGINAL NAME: *Rana mawphlangensis*.

COMMENT: Subgenus *Bourretia*.

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Limnonectes micrixalus (Taylor, 1923).

Changed from: *Rana micrixalus*.

ORIGINAL NAME: *Rana micrixalus*.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes microdiscus (Boettger, 1892).

Changed from: *Rana microdisca*.

ORIGINAL NAME: *Rana microdisca*.

COMMENT: Change to read: Subgenus *Limnonectes* (*microdiscus* group). Reviewed by Inger, 1966, Fieldiana: Zool., 52:212–222 (as *Rana microdisca*).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes microtypanum (van Kampen, 1907). Zool. Ergeb. Niederländ. Ost-Ind., 4:386.

ORIGINAL NAME: *Rana microtypanum*.

TYPE(S): Syntypes: RMNH.

TYPE LOCALITY: "Loka bei Bonthain", Celebes.

DISTRIBUTION: Celebes.

COMMENT: Recognized as distinct from *Limnonectes modestus* by Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes modestus (Boulenger, 1882).

Changed from: *Rana modesta*.

ORIGINAL NAME: *Rana modesta*.

DISTRIBUTION: Celebes and Moluccas Is.

COMMENT: Change to read: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 "1986", Alytes, 5:63, and Menzies, 1987, Aust. J. Zool., 35:373–418.

Limnonectes murthii (Pillai, 1979).

Changed from: *Rana murthii*.

COMMENT: Subgenus *Fejervarya*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Limnonectes namiyai (Stejneger, 1901).

Changed from: *Rana namiyai*.

ORIGINAL NAME: *Rana namiyai*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*kuhlii* group).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes nepalensis (Dubois, 1975).

Changed from: *Rana nepalensis*.

ORIGINAL NAME: *Rana nepalensis*.

COMMENT: Change last sentence to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Limnonectes nilagirica (Jerdon, 1853). J. Asiat. Soc. Bengal, 22:532.

ORIGINAL NAME: *Rana nilagirica*.

TYPE(S): ZSI (lost); neotype MNHNP 1984.2340 designated by Dubois, 1984, Alytes, 3:149.

TYPE LOCALITY: "marshes in the Wynaad and Neelgherries"; restricted to Governor Shola, 4 km from Udhagamangalam towards Porthimund, Nilgiris, Tamil Nadu, India, by Dubois, 1984, Alytes, 3:149.

DISTRIBUTION: Southern India.

COMMENT: Subgenus *Fejervarya*. Recognized as a species distinct from *Limnonectes limnocharis* by Dubois, 1984, Alytes, 3:149, and placed in *Limnonectes* by Dubois, 1987 "1986", Alytes, 5:61.

Limnonectes nitidus (Smedley, 1931).

Changed from: *Rana nitida*.

ORIGINAL NAME: *Rana nitida*.

COMMENT: Change to read: Subgenus *Limnonectes* (*kuhlii* group). See Bourret, 1942, Batr. Indochine:285–286. See comment under *Limnonectes tweediei*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes palavanensis (Boulenger, 1894). Ann. Mag. Nat. Hist. (6)14:85.

ORIGINAL NAME: *Rana palavanensis*.

TYPE(S): Syntypes: BM.

TYPE LOCALITY: Palawan I., Philippines.

DISTRIBUTION: Palawan I., Philippines; western Sabah, Sarawak, and Kalimantan, Borneo.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group). Treated as a subspecies (of *Rana microdisca*) by Inger, 1954, Fieldiana: Zool., 33:299, and Inger, 1966, Fieldiana: Zool., 52:222. Recognized as a distinct species by Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes paramacrodon (Inger, 1966).

Changed from: *Rana paramacrodon*.

ORIGINAL NAME: *Rana paramacrodon*.

COMMENT: Change first sentence to read: Subgenus *Limnonectes* (*grunniens* group).

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes parambikulamana (Rao, 1937)

Changed from: *Tomopterna parambikulamana*.

ORIGINAL NAME: *Rana parambikulamana*.

COMMENT: Change to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Limnonectes parvus (Taylor, 1920). Philippine J. Sci., 16:241.

ORIGINAL NAME: *Rana parva*.

TYPE(S): Holotype: CM 3421.

TYPE LOCALITY: Bunawan, Agusan Province, Mindanao I., Philippines.

DISTRIBUTION: Mindanao I., Philippine.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group). Treated as a subspecies (of *Rana microdisca*) by Inger, 1966, Fieldiana: Zool., 52:215. Recognized as a distinct species by Dubois, 1987 "1986", Alytes, 5:63.

Limnonectes pierrei (Dubois, 1975).

Changed from: *Rana pierrei*.

ORIGINAL NAME: *Rana pierrei*.

COMMENT: Change last sentence to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Limnonectes pileatus (Boulenger, 1916).

Changed from: *Rana pileata*.

ORIGINAL NAME: *Rana pileata*.

COMMENT: Change first sentence to read: Subgenus *Bourretia*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:62.

Limnonectes plicatellus (Stoliczka, 1870).

Changed from: *Rana plicatella*.

ORIGINAL NAME: *Rana plicatella*.

COMMENT: Change first sentence to read: Subgenus *Bourretia*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:62.

Limnonectes raja (Smith, 1930).

Changed from: *Rana raja*.

COMMENT: Change to read: Subgenus *Fejervarya*. See Taylor, 1962, *Univ. Kansas Sci. Bull.*, 43:373–376, for discussion (as *Rana raja*).

Authority: Dubois, 1987 "1986", *Alytes*, 5:60, and Dubois, 1992, *Bull. Mens. Linn. Soc. Lyon*, 61:315.

Limnonectes rufescens (Jerdon, 1853).

Changed from: *Tomopterna rufescens*.

COMMENT: Change to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:61.

Limnonectes sauriceps (Rao, 1937).

Changed from: *Rana sauriceps*.

ORIGINAL NAME: *Rana sauriceps*.

COMMENT: Change to read: Provisionally placed in the subgenus *Fejervarya* by Dubois, 1987 "1986", *Alytes*, 5:61.

Limnonectes syhadrensis (Annandale, 1919).

Changed from: *Rana syhadrensis*.

ORIGINAL NAME: *Rana syhedrensis*.

COMMENT: Change first sentence to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:61.

Limnonectes teraiensis (Dubois, 1984). *Alytes*, 3:150.

ORIGINAL NAME: *Rana teraiensis*.

TYPE(S): Holotype: MNHNP 1975.1763.

TYPE LOCALITY: Birtamonde, eastern Nepal, 200 m.

DISTRIBUTION: Eastern and central Nepal.

COMMENT: Subgenus *Fejervarya*. Generic assignment by Dubois, 1987 "1986", *Alytes*, 5:61.

Limnonectes timorensis (Smith, 1927).

Changed from: *Rana timorensis*.

ORIGINAL NAME: *Rana timorensis*.

COMMENT: Subgenus *Limnonectes* (*microdiscus* group).

Authority: Dubois, 1987 "1986", *Alytes*, 5:63.

Limnonectes toumanoffi (Bourret, 1941).

Changed from: *Rana toumanoffi*.

ORIGINAL NAME: *Rana toumanoffi*.

COMMENT: Change first sentence to read: Subgenus *Bourretia*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:62.

Limnonectes tweediei (Smith, 1935).

Changed from: *Rana tweediei*.

ORIGINAL NAME: *Rana tweediei*.

COMMENT: Change to read: Subgenus *Limnonectes* (*kuhlii* group). Considered a synonym of *Limnonectes nitidus* by Kiew, 1975, Malay. Nat. J., 28:107–109, but this synonymy was disputed by Dring, 1979, Bull. Brit. Mus. (Nat. Hist.), Zool. 34:204–206.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes verruculosus (Roux, 1911).

Changed from: *Rana verruculosa*.

DISTRIBUTION: Change to read: Timor and Wetar Is., Sundas, Indonesia.

COMMENT: Change to read: Subgenus *Fejervarya*.

Authority: Dubois, 1987 “1986”, Alytes, 5:60, Menzies, 1987, Aust. J. Zool., 35:373–418, and Dubois, 1992, Bull. Mens. Linn. Soc. Lyon, 61:315.

Limnonectes visayanus (Inger, 1954). Fieldiana: Zool., 33:289.

ORIGINAL NAME: *Rana macrodon visayanus*.

TYPE(S): Holotype: FMNH 61636.

TYPE LOCALITY: Siquijor Is., Philippines.

DISTRIBUTION: Bohol, Leyte, Negros, Panay, and Siquijor Is., Philippines.

COMMENT: Subgenus *Limnonectes* (*grunniens* group), according to Dubois, 1987 “1986”, Alytes, 5:63.

Limnonectes vittiger (Wiegmann, 1835). Nova Acta Acad. Caesar. Leop. Carol., Halle, 17:255.

ORIGINAL NAME: *Rana vittigera*.

TYPE(S): Syntypes: ZMB 3269 (2 specimens) and 3270 (2 specimens). Lectotypes: ZMB 3269, designated by Dubois, 1984, Alytes, 3:152.

TYPE LOCALITY: “sowohl auf der Insel Luçon in der Laguna de Bay, als auch in China”; restricted to Laguna de Bay, Luzon, Philippine Is., by Dubois, 1984, Alytes, 3:151.

DISTRIBUTION: Philippine Is.

COMMENT: Subgenus *Fejervarya*. Generic assignment by Dubois, 1987 “1986”, Alytes, 5:61. Reviewed by Inger, 1954, Fieldiana: Zool., 33:267–274 (as *Rana limnocharis vittigera*).

Limnonectes woodworthi (Taylor, 1923).

Changed from: *Rana woodworthi*.

ORIGINAL NAME: *Rana woodworthi*.

COMMENT: Change to read: Subgenus *Limnonectes* (*microdiscus* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Occidozyga

Transferred to Dicroglossinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316.

DISTRIBUTION: Change to read: As for the single species.

COMMENT: Change second sentence to read: See Dubois, 1987 “1986”, Alytes 5, :58–59, who redefined the genus and placed most of the recognized species in *Phrynoglossus*.

Occidozyga baluensis

Change to: *Phrynoglossus baluensis* (Boulenger, 1896).

Authority: Dubois, 1987 “1986”, Alytes, 5:59.

Occidozyga celebensis

Change to: *Phrynoglossus celebensis* (Smith, 1927).

Authority: Dubois, 1987 “1986”, Alytes, 5:59.

Occidozyga diminutiva

Change to: *Phrynoglossus diminutivus*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Occidozyga floresiana

Change to: *Phrynoglossus floresianus*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Occidozyga laevis

Change to: *Phrynoglossus laevis*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Occidozyga magnapustulosa

Change to: *Phrynoglossus magnapustulosus*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Occidozyga martensii

Change to: *Phrynoglossus martensii*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Occidozyga semipalmata

Change to: *Phrynoglossus semipalmatus*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Palmatorappia

Transferred to Dicroglossinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316.

Phrynoglossus Peters, 1867. Monatsber. Preuss. Akad. Wiss. Berlin, 1867:29.

TYPE SPECIES: *Phrynoglossus martensii* Peters, 1867, by monotypy.

DISTRIBUTION: Thailand, Malaya, Vietnam, southern China (Guangxi, Yunnan, and Hainan I.), Philippines, Greater and Lesser Sunda Is. as far as Flores.

COMMENT: Dubois, 1987 "1986", Alytes, 5:59, distinguished *Phrynoglossus* from *Occidozyga*, in which the species of *Phrynoglossus* were placed formerly.

Phrynoglossus baluensis (Boulenger, 1896).

Changed from: *Occidozyga baluensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Phrynoglossus borealis (Annandale, 1912).

Changed from: *Micrixalus borelais*.

Authority: Dubois, 1987 "1986", Alytes, 5:52.

Phrynoglossus celebensis (Smith, 1927).

Changed from: *Occidozyga celebensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Phrynoglossus diminutivus (Taylor, 1922).

Changed from: *Occidozyga diminutiva*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Phrynoglossus floresianus (Mertens, 1927).

Changed from: *Occidozyga floresiana*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Phrynoglossus laevis (Günther, 1859 "1858").

Changed from: *Occidozyga laevis*.

Authority: Dubois, 1987 "1986", Alytes, 5:59.

Phrynoglossus magnapustulosus (Taylor and Elbel, 1958).

Changed from: *Occidozyga magnapustulosa*.

Authority: Dubois, 1987 “1986”, Alytes, 5:59.

Phrynoglossus martensii Peters, 1867.

Changed from: *Occidozyga martensii*.

ORIGINAL NAME: Delete.

Authority: Dubois, 1987 “1986”, Alytes, 5:59.

Phrynoglossus semipalmatus (Smith, 1927).

Changed from: *Occidozyga semipalmata*.

Authority: Dubois, 1987 “1986”, Alytes, 5:59.

Platymantis

Transferred to Dicroglossinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313–316.

Platymantis liui

Change to: *Ingerana liui* (Yang, 1983).

Authority: Dubois, 1987 “1986”, Alytes, 5:65.

Platymantis macrosceles

Change citation to read: Am. Mus. Novit., 2582:2.

Platymantis nexipus

Change citation to read: Am. Mus. Novit., 2582:4.

Platymantis xizangensis

Change to: *Ingerana xizangensis* (Hu, 1977).

Authority: Dubois, 1987 “1986”, Alytes, 5:65.

Taylorana Dubois, 1987 “1986”. Alytes, 5:63.

TYPE SPECIES: *Polypedates hascheanus*.

DISTRIBUTION: India to Vietnam and Java.

COMMENT: Originally recognized as a subgenus of *Limnonectes* by Dubois, 1987 “1986”, Alytes, 5:63; elevated to generic status by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314.

Taylorana hascheana (Stoliczka, 1870).

Changed from: *Rana hascheana*.

ORIGINAL NAME: *Polypedates hascheanus*.

COMMENT: Delete first sentence. Change last line to read: ...discussion (as *Rana hascheana*).

Authority: Dubois, 1987 “1986”, Alytes, 5:63, and Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314.

Taylorana limborgii (Sclater, 1892). Proc. Zool. Soc. London, 1892:344.

ORIGINAL NAME: *Rana limborgii*.

TYPE(S): Holotype: ZSI (?).

TYPE LOCALITY: Tenasserim [Burma].

DISTRIBUTION: Type locality.

COMMENT: Recognized as a species of *Taylorana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314

SUBFAMILY: Mantellinae

Change to: **FAMILY: Mantellidae** Laurent, 1946.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:134.

NOTE: *Laurentomantis*, *Mantella*, and *Mantidactylus* are transferred from Ranidae: Mantelinae to Mantellidae. The status of *Pseudophilautus* is uncertain; it is tentatively placed in the Rhacophoridae. (See account of Mantellidae).

SUBFAMILY: Petropedetinae.

COMMENT: Change line 14 to read: 104:397–422, used Petropedetinae, but Poynton and Broadley, 1985, Ann. Natal Mus., 27:117, and Laurent, 1986, Traite Zool.:763–764 used Phrynobatrachinae. Add to end: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313, proposed familial recognition as the Phrynobatrachidae.

Arthroleptides dutoiti

TYPE(S): Change to read: Holotype: MCZ 19864.

Cacosternum boettgeri

DISTRIBUTION: Change to read: Most of southern Africa, but only in uplands north of the Tropic of Capricorn, and isolated highland areas north to Ethiopia.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:174.

Cacosternum capense

DISTRIBUTION: Change to read: Mediterranean region of the southwestern Cape Province, Rep. South Africa.

Authority: Branch, 1988, S. Afr. Red Data Book:123.

Cacosternum namaquense

DISTRIBUTION: Change to read: Southern Namibia and Namaqualand, Rep. South Africa.

Authority: Haacke, 1970, Ann. Transvaal Mus., 26:278.

Cacosternum poyntoni Lambiris, 1988. S. Afr. J. Zool., 23:63.

TYPE(S): Holotype: NMP 1036 (3828).

TYPE LOCALITY: Carter's Nursery, Town Bush Valley, Pietermaritzburg, Natal, South Africa.

DISTRIBUTION: Known only from the type locality.

Cacosternum striatus FitzSimons, 1947. Ann. Natal Mus., 11:130.

TYPE(S): Holotype: TM 21447.

TYPE LOCALITY: Durban, Natal, Rep. South Africa.

DISTRIBUTION: Southern Natal, Rep. South Africa.

COMMENT: Placed in the synonymy of *Cacosternum boettgeri* by Poynton, 1964, Ann. Natal Mus., 17:146, but regarded as a valid species by Lambiris, 1988, Lammergeyer, 39:111–112.

Ericabatrachus Largen, 1991. Trop. Zool., 4:141.

TYPE SPECIES: *Ericabatrachus baleensis* Largen, 1991, by monotypy.

DISTRIBUTION: As for the single species.

COMMENT: *Ericabatrachus* shares characters with *Arthroleptides* and *Petropedetes*.

Ericabatrachus baleensis Largen, 1991. Trop. Zool., 4:114.

TYPE(S): Holotype: LIV 1986.212.362.

TYPE LOCALITY: 12 km north of Katcha (06°47'N, 39°46'E, elev. 3200 m), Bale Mountains, Ethiopia.

DISTRIBUTION: Elevations of 2400–3200 m in the Bale Mountains in southern Ethiopia.

Microbatrachella capensis

DISTRIBUTION: (Cape Flats (where it now may be extirpated) to Cape Agulhas, Cape Province,

Rep. South Africa.

Authority: Branch, 1988, S. Afr. Red Data Book:123.

Petropedetes cameronensis

TYPE(S): Holotype: Change to read: ZMG.

Authority: Herrmann, 1989, Veröff. Naturhist. Mus. Schleusingen, 4:14.

Petropedetes natator

CITATION: Change to read: Ann. Mag. Nat. Hist., 7(15):281.

Petropedetes palmipes

CITATION: Change to read: Ann. Mag. Nat. Hist., 7(15):282.

Phrynobatrachus

DISTRIBUTION: Change to read: Africa south of the Sahara, excluding southwestern Rep. South Africa.

Authority: Poynton, 1964, Ann. Natl Mus., 17:137.

COMMENT: Change line 4 to read: *Pararthroleptis* Ahl, 1923; *Micarthroleptis* Deckert, 1938; and *Pseudarthroleptis* Deckert, 1938, as noted by Dubois, 1981, Monit. Zool. Ital., N. S., Suppl., 13:253.

Phrynobatrachus annulatus Perret, 1966. Zool. Jahrb., Abt. Syst., 93:365.

ORIGINAL NAME: *Phrynobatrachus cornutus annulatus*.

TYPE(S): Holotype: MHNG 961.82.

TYPE LOCALITY: Zougouépo, Nimba, Guinea.

DISTRIBUTION: Guinea, Liberia, Ivory Coast, and Ghana in western equatorial Africa.

COMMENT: Recognized as a distinct species by Perret, 1988, Arch. Sci. Genève, 41:282–284.

Phrynobatrachus cornutus

DISTRIBUTION: Change to read: Cameroon to western Congo; Fernando Po.

Authority: Largen and Dowsett-Lemaire, 1991, Tauraco Res. Rept., 4:151–152.

COMMENT: Delete.

Phrynobatrachus cryptotis

COMMENT: Change line 3 to read: *Phrynobatrachus cryptotis*, according to Poynton and Broadley, 1985, Ann. Natal Mus., 27:167.

Phrynobatrachus dispar

COMMENT: Synonymy includes *Arthroleptis feae* Boulenger, 1906.

Authority: Loumont, 1992 Alytes, 10:41–47.

Phrynobatrachus elberti

TYPE LOCALITY: Change to read: “Buala am Uam, Neu-Kamerun” [= Chad].

Phrynobatrachus feae

Delete. Synonym of *Phrynobatrachus dispar*.

Authority: Loumont, 1992 Alytes, 10:41–47.

Phrynobatrachus gutturosus

DISTRIBUTION: Change to read: West Africa.

COMMENT: Change to read: Material from southeastern Zaire referred to *Phrynobatrachus gutturosus* by various authors was assigned to *Phrynobatrachus rungwenensis* by Poynton and Broadley, 1985, Ann. Natal Mus., 27:163; material from Malawi referred to *Phrynobatrachus*

gutturosus was described as *Phrynobatrachus stewartae* by Poynton and Broadley, 1985, Ann. Natal Mus., 27:167. Also reviewed by Guibé and Lamotte, 1963, Mem. Inst. Franç. Afr. Noire, 66:601–627.

Phrynobatrachus hylaïos

CITATION: Change to read: Bull. Soc. Neuchâtel. Sci. Nat., 82:251.

DISTRIBUTION: Change to read: Cameroon to western Congo.

Authority: Largen and Dowsett-Lemaire, 1991, Tauraco Res. Rept., 4:152.

Phrynobatrachus mababiensis

DISTRIBUTION: Change to read: Sahel of East Africa to Transkei, westward to Namibia and Angola.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:168.

COMMENT: Change to read: Discussed by Poynton and Broadley, 1985, Ann. Natal Mus., 27:165–169.

Phrynobatrachus minutus

TYPE LOCALITY: Change to read: “Durro” (= Duro, 07°02’N, 41°30’E), Ethiopia.

DISTRIBUTION: Change to read: Definitely known only from the type locality.

COMMENT: Change to read: Discussed by Poynton and Broadley, 1985, Ann. Natal Mus., 27:166–167.

Phrynobatrachus parvulus

DISTRIBUTION: Change to read: Mainly upland areas of Angola, Botswana, Zimbabwe, Zambia, southeastern Zaire, Malawi, and Tanzania.

COMMENT: Change to read: ... 160–165, and Poynton and Broadley, 1985, Ann. Natal Mus., 27:169–171.

Phrynobatrachus perpalmaris

DISTRIBUTION: Change to read: Cameroon and Sudan to northern Zambia.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:158.

Phrynobatrachus rungwensis

COMMENT: Add to beginning: Discussed by Poynton and Broadley, 1985, Ann. Natal Mus., 27:164–165.

Phrynobatrachus sciangallorum

TYPE LOCALITY: Change elevation to read: 400 m.

Phrynobatrachus stewartae Poynton and Broadley, 1985. Ann. Natal Mus., 27:163.

TYPE(S): Holotype: NMZB 9493.

TYPE LOCALITY: Rumpi, Malawi.

DISTRIBUTION: Known only from the type locality.

Phrynobatrachus taiensis Perret, 1988. Arch. Sci. Genève, 41:286.

TYPE(S): Holotype: MHNG 1469.81.

TYPE LOCALITY: Taï Forêt Réserve, Ivory Coast.

DISTRIBUTION: Known only from the type locality.

COMMENT: Related to *Phrynobatrachus annulatus*, *calcaratus*, *cornutus*, and *villiersi* according to original description.

Phrynobatrachus tellinii

CITATION: Change to read: ...Torino, 19:4.

TYPE LOCALITY: Change to read: ... and Cheren, Eritrea, ...

Phrynobatrachus ukingensis

COMMENT: Change to read: Change to read: Discussed by Poynton and Broadley, 1985, Ann. Natal Mus., 27:171–172.

Phrynobatrachus zavattarii

TYPE LOCALITY: Change to read: ... Ethiopia, 04°48'N, 36°27'E, 900 m.

Poyntonia Channing and Boycott, 1989. Copeia, 1989:467.

TYPE SPECIES: *Poyntonia paludicola* Channing and Boycott, 1989.

DISTRIBUTION: As for the single species.

Poyntonia paludicola Channing and Boycott, 1989. Copeia, 1989:468.

TYPE(S): Holotype: PEM A1600.

TYPE LOCALITY: Southern slopes of the Steenbras Mountains in the Kogelberg Forest Reserve (34°14'S, 18°52'E), Cape Province, Rep. South Africa.

DISTRIBUTION: Mountains of southwestern Cape region, Rep. South Africa.

SUBFAMILY: Ptychadeninae Dubois, 1987 “1986”.

CITATION: Alytes, 5:55.

DISTRIBUTION: Africa, Madagascar, Seychelles Is., Mascarene Is.

COMMENT: Defined as the tribe Ptychadenini by Dubois, 1987 “1986”, Alytes, 5:57–58, and elevated to subfamilial rank by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316–317.

Hildebrandtia

Transferred to Ptychadeninae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316–317.

COMMENT: Change last sentence to read: Dubois, 1987 “1986”, Alytes, 5:56, recognized two subgenera—*Hildebrandtia* Nieden, 1907 (type species: *Pyxicephalus ornatus* Peters, 1878, by subsequent designation of Boulenger, 1919) and *Lanzarana* Clarke, 1983 (type species: *Hildebrandtia largeni* Lanza, 1978, by original designation), but Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316, recognized *Lanzarana* as a separate genus.

Lanzarana

Transferred to Ptychadeninae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316–317.

COMMENT: Change second sentence to read: See comment under *Hildebrandtia*.

Lanzarana largeni

CITATION: Change to read: ... Suppl., 10:234.

Ptychadena

Transferred to Ptychadeninae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316–317.

DISTRIBUTION: Change to read: Egypt, subsaharan Africa (excluding southwestern Rep. South Africa), Madagascar, Seychelles Is., Mascarene Is.; introduced on Mauritius and Réunion islands.

COMMENT: Add to end: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316, recognized two subgenera: *Ptychadena* and *Parkerana* Dubois, 1984, Alytes 3:40.

Ptychadena aequiplicata

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena anchietae

DISTRIBUTION: Change to read: Ethiopia to Natal (Rep. South Africa), Shaba (Zaire), Angola, and western Congo.

Authority: Largen and Dowsett-Lemaire, 1991, Tauraco Res. Rept., 4:149.

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena ansorgii

DISTRIBUTION: Change to read: Angola, Shaba (Zaire), and northern Zambia.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:152.

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena broadleyi

COMMENT: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena bunoderma

DISTRIBUTION: Change to read: Angola and northwestern Zambia.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:153.

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena christyi

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena chrysogaster

DISTRIBUTION: Change to read: ... Burundi.

COMMENT: Add as first sentence: Subgenus *Ptychadena*. Change lines 2–3 to read: Zaire ...65–68.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:154, and Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena cooperi

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena erlangeri

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena floweri

DISTRIBUTION: Change to read: Senegal to Sudan.

COMMENT: Subgenus *Parkerana*. Change line 3 to read: 1931; type species *Abrana cotti* Parker, 1931 [a junior synonym of *Rana schillukorum* Werner, 1907], by monotypy), as ... Change line 8 to read: of *Ptychadena*, as proposed by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316. Discussed ... Change line 10 to read: 1925. Also discussed by Poynton and Broadley, 1985, Ann. Natal. Mus., 27:157, and Perret, 1987, Bull. Soc. Neuchâtel Sci. Nat., 6110:64–69.

Ptychadena gansi

Delete. Synonym of *Ptychadena mossambica*.

Authority: Lanza, 1990, Biogeographia, 14:410.

Ptychadena grandisonae

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena guibei Laurent, 1954. Ann. Mus. R. Congo Belge, Terveren, Sér Octavo, Sci. Zool., 34:23.

ORIGINAL NAME: *Ptychadena chrysogaster guibei*.

TYPE(S): Holotype: MD.

TYPE LOCALITY: Muita, Angola.

DISTRIBUTION: Shaba (Zaire), Angola, northern Botswana, Zimbabwe, Zambia, Malawi, and Mozambique.

COMMENT: Subgenus *Ptychadena*. Recognized as a distinct species by Poynton and Broadley, 1985, Ann. Natal Mus., 27:154.

Ptychadena ingeri Perrett, 1991. Arch. Sci. Genève, 44:268.

TYPE(S): Holotype: RGMC 3328 (Series 73-67).

TYPE LOCALITY: Parc National de la Garamba, Uélé, Zaire.

DISTRIBUTION: Vicinity of the type locality.

COMMENT: Subgenus *Ptychadena* according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena keilingi

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena longirostris

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena maccarthyensis

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena mascareniensis

TYPE LOCALITY: Change last line to read: ... Mus., 220:75, and as "Ile Bourbon" by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:131.

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena mossambica

DISTRIBUTION: Change to read: Southern Somalia, Kenya,

COMMENT: Add as first sentence: Subgenus *Ptychadena*. Change last line to read: ... 102:17, and Poynton, 1991, Bull. Mus. Comp. Zool., 152:463–464. Synonymy includes *Ptychadena gansi* according to Lanza, 1990, Biogeographia, 14:410.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena nana

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena neumanni

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena newtoni

COMMENT: Add as first sentence: Subgenus *Ptychadena*. Add to end: Reviewed by Loumont, 1992 Alytes, 10:48–50.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena obscura

COMMENT: Subgenus *Ptychadena*. Discussed by Poynton and Broadley, 1985, Ann. Natal Mus., 27:148.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena oxyrhynchus

DISTRIBUTION: Change line 2 to read: Angola south to Transkei, Rep. South Africa.

Authority: Branch, 1990, J. Herpetol. Assoc. Afr., 37:22.

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena perplicata

COMMENT: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena perreti

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena porosissima

DISTRIBUTION: Change to read: Ethiopia and Uganda to eastern Rep. South Africa, west to Angola, occurring mostly in cooler regions.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:149, and Branch, 1990, J. Herpetol. Assoc. Afr., 37:22.

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena pumilio

DISTRIBUTION: Change to read: Senegal to Ethiopia, southward through eastern Zaire to Mozambique, Zimbabwe, and Zambia.

COMMENT: Add as first sentence: Subgenus *Ptychadena*. Change lines 4–8 to read: ... Laurent, 1954, to be a subspecies, *Ptychadena pumilio taenioscelis*, but Poynton and Broadley, 1985, Ann. Natal Mus., 27:153, recognized *Ptychadena taenioscelis* as a distinct species.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena retropunctata

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena schillukorum

DISTRIBUTION: Change to read: Cameroon to southern Somalia, south to Malawi and Mozambique.

Authority: Lanza, 1990, Biogeographia, 14:410.

COMMENT: Change to read: Subgenus *Parkerana*. Synonymy includes *Abrana cotti* Parker, 1931 “1930”, Proc. Zool. Soc. London, 1930:898, which was recognized as a species distinct from *Ptychadena floweri* by Poynton and Broadley, 1985, Ann. Natal. Mus., 27:157. See comment under *Ptychadena floweri*.

Ptychadena schubotzi

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena stenocephala

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena straeleni

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena submascareniensis

COMMENT: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena subpunctata

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena superciliaris

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena taenioscelis Laurent, 1954. Ann. Mus. R. Congo Belge, Tervuren, Sér. Octavo, Sci. Zool., 34:25.

TYPE(S): (Holotype): RGMC 13122.

TYPE LOCALITY: "Lukula, près de Kiambi, Tanganyika [Province]," Zaire.

DISTRIBUTION: Tanzania, Malawi, northern Mozambique, northern Botswana, Zambia, and Angola to southeastern Zaire.

COMMENT: Subgenus *Ptychadena*. Recognized as a species distinct from *Ptychadena pumilio* Boulenger, 1920, by Poynton and Broadley, 1985, Ann. Natal Mus., 27:153, who discussed the status of *Ptychadena smithi* Guibé, 1960.

Ptychadena tournieri

COMMENT: Change to read: Subgenus *Ptychadena*. Reviewed by Perret, 1991, Arch. Sci. Genève, 44:266–268.

Ptychadena trinodis

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena upembae

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Ptychadena uzungwensis

COMMENT: Add as first sentence: Subgenus *Ptychadena*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

SUBFAMILY: Pyxicephalinae Bonaparte, 1850.

CITATION: Conspect. Syst. Herpetol. Amphibiol., pl. 1.

DISTRIBUTION: Africa.

COMMENT: Defined as the tribe Pyxicephalini by Dubois, 1987 “1986”, Alytes, 5:66, and elevated to subfamilial rank by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:317.

Aubria

Transferred to Pyxicephalinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:317.

Aubria masako Ohler and Kazadi, 1990. Alytes, 8:29.

TYPE(S): Holotype: MNHNP 1989.2775.

TYPE LOCALITY: “Forêt de Masako près du village Batiabongena, 15 km du centre-ville de Kisangani su l’ancienne route Buta, Zaïre.”

DISTRIBUTION: Eastern Zaïre.

Pyxicephalus

Transferred to Pyxicephalinae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:317.

Pyxicephalus adspersus

COMMENT: Change line 1 to read: ... 25:281–292, and Poynton and Broadley, 1985, Ann. Natal Mus., 27:122–124, for ...

SUBFAMILY: Raninae Gray, 1825.

Change author and citation to read: **SUBFAMILY: Raninae** Rafinesque-Schmaltz, 1814. Specchio Sci., 2:102.

Authority: Dubois, 1985 “1986”, Alytes, 4: 66.

COMMENT: Change to read: The generic definitions and boundaries within the Raninae are badly in need of revision. The only attempt at phylogenetic reconstruction (Clarke, 1981, Monit. Zool. Ital., N.S., Suppl., 15:285–331) was restricted to African genera. Dubois, 1981, Monit. Zool. Ital., N.S., Suppl., 15:225–284, discussed the problem at length, and Dubois, 1987 “1986”, Alytes, 5:38–69, recognized six tribes, which were elevated to subfamily level by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352. Herein the restricted sense of the Raninae, as proposed by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:317–334, is adopted.

Altirana

Delete: Subgenus of *Nanorana*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Altirana parkeri

Change to: *Nanorana parkeri*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Amolops

DISTRIBUTION: Change to read: Southeastern Asia from Nepal and northeastern India to western and southern China, Thailand, and Greater Sunda Is.

COMMENT: Insert before last sentence: The genus was reviewed by Yang, 1991, Fieldiana:Zool., N.S., 63:1–42, who placed some species that formerly were in *Amolops* in two new genera, *Huia* and *Meristogenys* that were recognized as subgenera by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352, who also named the subgenus *Amo*.

Amolops afghanus

COMMENT: Add to beginning: Subgenus *Amolops*. Replace last sentence with: Reviewed by Yang, 1991, Fieldiana:Zool., N.S., 63:7–8.

Amolops amoropalamus Matsui, 1986. Copeia, 1986:628.

TYPE(S): Holotype: OMNH 8067.

TYPE LOCALITY: Gunung Tapai Sia, 1300 m, Krayan County, Sarawak border of East Kalimantan, Borneo.

DISTRIBUTION: Mountains of East Kalimantan and Sabah, Borneo.

COMMENT: Subgenus *Meristogenys*.

Amolops cavitympanum

COMMENT: Subgenus *Huia*.

Amolops chapaensis (Bourret, 1937).

Changed from: *Rana chapaensis*.

ORIGINAL NAME: *Hylarana chapaensis*.

COMMENT: Add to beginning: Subgenus *Amolops*. Add to end: Not treated by Yang, 1991, Fieldiana:Zool., N.S., 63:1–42.

Authority: Dubois, 1987 “1986”, Alytes, 5:51.

Amolops chunganensis

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops diayunensis

Delete. Synonym of *Amolops hongkongensis*.

Authority: Yang, 1991, Fieldiana:Zool., N.S., 63:13.

Amolops formosus

Change to read: *Amolops formosus* (Günther, 1876 “1875”).

Authority: Dubois, 1987 “1986”, Alytes, 5:141.

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops granulosis

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops hainanensis

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops himalayanus (Boulenger, 1888). Ann. Mag. Nat. Hist., (6)2:507.

ORIGINAL NAME: *Rana himalayana*.

TYPE(S): BM.

TYPE LOCALITY: Darjeeling, India.

DISTRIBUTION: Northeastern India and Nepal.

COMMENT: Subgenus *Amolops*. Recognized as a subspecies of *Amolops formosus* by Dubois, 1974, Bull. Mus. Natl. Hist. Nat., Paris, (3), 213:357, but elevated to specific rank by Yang, 1991, Fieldiana:Zool., N.S., 63:12.

Amolops hongkongensis

COMMENT: Subgenus *Amolops*. Synonymy includes *Amolops diayunensis* Liu and Hu, 1975, according to Yang, 1991, Fieldiana:Zool., N.S., 63:13.

Amolops javanus (Yang, 1991). Fieldiana:Zool., N.S., 63:29.

ORIGINAL NAME: *Huia javana*.

TYPE(S): Holotype: ZMA 7780.

TYPE LOCALITY: Tjibodas, Java.

DISTRIBUTION: Known only from the type locality in the mountains of western Java.

COMMENT: Subgenus *Huia*.

Amolops jerboa

COMMENT: Add to beginning: Subgenus *Meristogenys*.

Amolops jinjiangensis Su, Yang and Li, 1986. *Acta Herpetol. Sinica*, 5:204.

TYPE(S): Holotype: KIZ 80I463.

TYPE LOCALITY: Benzilan, 2010 m, Deqen County, Yunnan Province, China.

DISTRIBUTION: Mountains of Sichuan and western Yunnan, China.

COMMENT: Subgenus *Amolops*.

Amolops kaulbacki

COMMENT: Change to read: Subgenus *Amolops*. Reviewed by Yang, 1991, *Fieldiana:Zool.*, N.S., 63:16.

Amolops kinabaluensis

COMMENT: Add to beginning: Subgenus *Meristogenys*.

Amolops larutensis

COMMENT: Add to beginning: Subgenus *Amo*. Change last line to read: Malaysia:58–59, and Yang, 1991, *Fieldiana:Zool.*, N.S., 63:16–17, for account.

Amolops lifanensis (Liu, 1945). *J. West China Board Res. Soc.*, (B)15:33.

ORIGINAL NAME: *Staurois lifanensis*.

TYPE(S): Holotype: CIB 1062.

TYPE LOCALITY: Nankou, Lifan City, Lifan, Sichuan, China.

DISTRIBUTION: Vicinity of the type locality in western China.

COMMENT: Subgenus *Amolops*. Recognized as a distinct species of *Amolops* by Yang, 1991, *Fieldiana:Zool.*, N.S., 63:17.

Amolops loloensis

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops longimanus (Andersson, 1939).

Changed from: *Rana longimanus*.

ORIGINAL NAME: *Rana longimanus*.

COMMENT: Add to beginning: Subgenus *Amolops*. Add to end: Not treated by Yang, 1991, *Fieldiana:Zool.*, N.S., 63:1–42.

Authority: Dubois, 1987 “1986”, *Alytes*, 5:51.

Amolops macrophthalmus Matsui, 1986. *Copeia*, 1986:623.

TYPE(S): Holotype: FMNH 157431.

TYPE LOCALITY: Sungai Pesu Camp, Sungai Metallum, Bintulu District, Fourth Division, Sarawak.

DISTRIBUTION: Type locality in northern Borneo.

COMMENT: Subgenus *Meristogenys*.

Amolops macrorhynchus Yang, 1987. *Herpetologica*, 43:96.

TYPE(S): Holotype: KIZ 77I0201.

TYPE LOCALITY: Dawei Mountain, 1700 m, Hekou County, Yunnan, China.

DISTRIBUTION: Dawei Mountain in southwestern China.

COMMENT: Subgenus *Amolops*.

Amolops mantzorum

COMMENT: Add to beginning: Subgenus *Amolops*. Change last line to read: Amph. China:239, 249, and Yang, 1991, *Fieldiana:Zool.*, N.S., 63:20, who reviewed the species.

Amolops monticola

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops nasicus

COMMENT: Add to beginning: Subgenus *Huia*. Change last line to read: *nasica*) and Yang, 1991, Fieldiana:Zool., N.S., 63:31.

Amolops nepalicus Yang, 1991. Fieldiana:Zool., N.S., 63:23.

TYPE(S): Holotype: UMMZ 132063.

TYPE LOCALITY: Sabhaya, Nepal.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Amolops*.

Amolops orphnocnemis Matsui, 1986. Copeia, 1986:625.

TYPE(S): OMNH 8052.

TYPE LOCALITY: Kampong Bundu Tuhan, near Kinabalu, 990 m, Sabah, Borneo.

DISTRIBUTION: Mountains of Sabah and East Kalimantan, Borneo.

COMMENT: Subgenus *Meristogenys*.

Amolops phaeomerus

COMMENT: Subgenus *Meristogenys*.

Amolops poecilus

COMMENT: Subgenus *Meristogenys*.

Amolops ricketti

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops sumatranus (Yang, 1991). Fieldiana:Zool., N.S., 63:31.

ORIGINAL NAME: *Huia sumatrana*.

TYPE(S): Holotype: FMNH 209922.

TYPE LOCALITY: Bukit Lawang Forest Reserve (03°31'N, 98°08'E), Bohorok, Sumatra.

DISTRIBUTION: Mountains of western Sumatra.

COMMENT: Subgenus *Huia*.

Amolops torrentis

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops viridimaculatus

COMMENT: Add to beginning: Subgenus *Amolops*.

Amolops whiteheadi

COMMENT: Subgenus *Meristogenys*.

Amolops wuyiensis

COMMENT: Add to beginning: Subgenus *Amolops*.

Aubria

Transferred from Raninae to Pyxicephalinae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:317.

Ceratobatrachus

Transferred from Raninae to Dicroglossinae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:313.

Chaparana Bourret, 1939. Annexe Bull. Gén. Instr. Publique, Hanoi, 4:31.

TYPE SPECIES: *Rana (Chaparana) fansipani* Bourret, 1939, by monotypy.

DISTRIBUTION: Himalayan region of West Bengal, Sikkim, and Assam (India), Nepal, southwestern China, Thailand, and Vietnam.

COMMENT: Recognized as distinct from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:317–318, with four subgenera: *Annandia* Dubois, 1992:317 (type species by original designation: *Rana delacouri* Angel, 1928), *Chaparana*, *Feirana* Dubois, 1992:318 (new name for *Quadrana* Fei, Ye, and Huang, 1990; type species by original designation: *Rana quadranus* Liu, Hu, and Yang, 1960), and *Ombrana* Dubois, 1992:318 (type species by original designation: *Rana sikimensis* Jerdon, 1870).

Chaparana aenea (Smith, 1922)

Changed from: *Rana aenea*.

ORIGINAL NAME: *Rana aenea*.

COMMENT: Change first sentence to read: Subgenus *Chaparana*; transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Chaparana delacouri (Angel, 1928)

Changed from *Rana delacouri*.

ORIGINAL NAME: *Rana delacouri*.

TYPE(S): Change to read: Holotype: MNHNP 1928.19.

COMMENT: Change to read: Subgenus *Annandia*; transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Chaparana fansipani (Bourret, 1939).

Changed from: *Rana fansipani*.

ORIGINAL NAME: Change to read: *Rana (Chaparana) fansipani*.

COMMENT: Add to beginning: Subgenus *Chaparana*; transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Chaparana quadranus (Liu, Hu, and Yang, 1960).

Changed from: *Rana quadranus*.

ORIGINAL NAME: *Rana quadranus*.

COMMENT: Change first sentence to read: Subgenus *Feirana*; transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Chaparana sikimensis (Jerdon, 1870)

Changed from: *Rana sikimensis*.

ORIGINAL NAME: *Rana sikimensis*.

TYPE(S): Change to read: See Dubois, 1976, Cah. Nepal., Doc.:190–193, for discussion of types in ZSI.

COMMENT: Change first sentence to read: Subgenus *Ombrana*; transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Chaparana unculuanus (Liu, Hu, and Yang, 1960)

Changed from: *Rana unculuana*.

COMMENT: Add to beginning: Subgenus *Chaparana*; transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Conraua

Transferred from Raninae to Dicroglossinae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314.

Discodeles

Transferred from Raninae to Dicroglossinae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314.

Elachyglossa

Delete: Synonym of *Limnonectes*.

Authority: Dubois, 1987 "1986", Alytes, 5:57.

Elachyglossa gyldenstolpei

Change to: *Limnonectes gyldenstolpei*.

Authority: Dubois, 1987 "1986", Alytes, 5:57.

Hildebrandtia

Transferred from Raninae to Ptychadeninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Lanzarana

Transferred from Raninae to Ptychadeninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:316.

Micrixalus

DISTRIBUTION: Change to read: India and Sri Lanka.

COMMENT: Change to read: The genus was reviewed by Dubois, 1987 "1986", Alytes, 5:51–55.

Pillai, 1978, Proc. Indian Acad. Sci., (B)87:173–177, provided a key to the species.

Micrixalus baluensis

Change to: *Ingerana baluensis* (Boulenger, 1896).

Authority: Dubois, 1987 "1986", Alytes, 5:65.

Micrixalus borealis

Change to: *Phrynoglossus borealis* (Annandale, 1912).

Authority: Dubois, 1987 1986, Alytes, 5:52.

Micrixalus herrei

Delete. Synonym of *Micrixalus fuscus*.

Authority: Inger, Shaffer, Kochy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:410.

Micrixalus mariae

Change to: *Ingerana mariae* (Inger, 1954).

Authority: Dubois, 1987 "1986", Alytes, 5:65.

Micrixalus opisthorhodus

Delete: Synonym of *Micrixalus phyllophilus*

Authority: Dubois, 1987 "1986", Alytes, 5:51.

Micrixalus phyllophilus (Jerdon, 1853). J. Asiat. Soc. Bengal, 22:532.

ORIGINAL NAME: *Limnodytes phyllophila*.

TYPE(S): Holotype: BM. Holotype of *Ixalus opisthorhodus* Günther, 1869, designated as neotype of *Micrixalus phyllophilus* by Dubois, 1987 1986, Alytes, 5: 51.

TYPE LOCALITY: "Nilgherries [Nilgiri Hills]", South India.

DISTRIBUTION: Nilgiris and Malabar, India.

COMMENT: *Ixalus opisthorhodus* Günther, 1869, Proc. Zool. Soc. London, 1868:464, is a junior synonym according to Dubois, 1987 "1986", Alytes, 5:51.

Micrixalus sarasinorum

Delete. Synonym of *Rhacophorus microtypanum*.

Authority: Dubois, 1987 "1986", Alytes, 5: 52.

Nannobatrachus

Delete. Synonym of *Nyctibatrachus* Boulenger, 1882.

Authority: Dubois, 1987 "1986", Alytes, 5:68.

Nannobatrachus anamallaiensis

Delete: Synonym of *Nyctibatrachus beddomii* (Boulenger, 1882).

Authority: Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:412, and Dubois, 1987 "1986", Alytes, 5:68.

Nannobatrachus beddomii

Change to: *Nyctibatrachus beddomii* (Boulenger, 1882).

Authority: Dubois, 1987 "1986", Alytes, 5:68.

Nannobatrachus kempholeyensis

Change to: *Nyctibatrachus kempholeyensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:68.

Nannophrys

Transferred from Raninae to Ranixalinae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:335.

Nanorana

DISTRIBUTION: Change to read: Tibet, Nepal, and mountains of western China.

COMMENT: Change to read: *Altirana* recognized as a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Nanorana parkeri (Stejneger, 1927)

Changed from: *Altirana parkeri*.

ORIGINAL NAME: *Altirana parkeri*.

COMMENT: Add to beginning: Subgenus *Altirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Nanorana pleskei

COMMENT: Insert as first sentence: Subgenus *Nanorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Nanorana ventripunctata Fei and Huang, 1985. Acta Biol. Plateau Sinica, 1985(4):71.

TYPE(S): Holotype: Not traced.

TYPE LOCALITY: Zhongdian Co., 3150 m, Yunnan, China.

DISTRIBUTION: Known only from the type locality in the mountains of southwestern China.

COMMENT: Subgenus *Nanorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Nyctibatrachus

Transferred from Raninae to Ranixalinae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:335.

Paa Dubois, 1975. Bull. Mus. Natl. Hist. Nat., Paris (3) 324:1093.

TYPE SPECIES: *Rana liebigii* Günther, 1860, by original designation.

DISTRIBUTION: Himalayan region of northern Pakistan and India, Afghanistan, Nepal and western China through Burma, Thailand, and Vietnam to Hong Kong.

COMMENT: Recognized as generically distinct from *Rana* by Dubois, 1992, Bull. Mens.

Soc. Linn. Lyon, 61:319–320, with four subgenera: *Eripaa* Dubois, 1992 (type species by original designation: *Rana fasciculispina* Inger, 1970), *Gynandropaa* Dubois, 1992 (type species by original designation: *Rana yunnanensis* Anderson, 1878), *Paa*, and *Quasipaa* Dubois, 1992 (type species by original designation: *Rana boulengeri* Günther, 1889).

Paa annandalii (Boulenger, 1920)

Changed from: *Rana annandalii*.

ORIGINAL NAME: *Rana annandalii*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa liebighii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa arnoldi (Dubois, 1975).

Changed from: *Rana arnoldi*.

ORIGINAL NAME: *Rana (Paa) arnoldi*.

COMMENT: Change first sentence to read: Subgenus *Paa*; in the *Paa maculosa* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa blanfordii (Boulenger, 1882)

Changed from: *Rana blanfordii*.

DISTRIBUTION: Change to read: Darjeeling ...

COMMENT: Change first sentence to read: Subgenus *Paa*; in the *Paa liebighii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa boulengeri (Günther, 1889)

Changed from: *Rana boulengeri*.

ORIGINAL NAME: *Rana boulengeri*.

COMMENT: Change first sentence to read: Subgenus *Quasipaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa bourreti (Dubois, 1987 “1986”). Alytes, 5:46.

ORIGINAL NAME: *Rana bourreti*.

TYPE(S): Holotype: MNHNP 1948.128 (= LZUH 3.59).

TYPE LOCALITY: Chapa (22°20'N, 103°50'E), Vietnam.

DISTRIBUTION: Vicinity of the type locality.

COMMENT: Subgenus *Gynandropaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa chayensis (Ye, 1977). Acta Zool. Sinica, 3:58.

ORIGINAL NAME: *Rana maculosa chayensis*.

TYPE(S): Holotype: CIB 7319524.

TYPE LOCALITY: Chayu (28°25'N, 97°06'E, 1540–1550 m), Xizang, China.

DISTRIBUTION: Vicinity of type locality.

COMMENT: Subgenus *Paa*; in the *Paa maculosa* group. Considered to be a questionable synonym of *Rana* (= *Paa*) *arnoldi* by Dubois, 1980, Bull. Mens. Soc. Linn. Lyon, 49:146–147, but recognized as a distinct species of *Paa* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:320.

Paa conaensis (Fei and Huang, 1981).

Changed from: *Rana conaensis*.

ORIGINAL NAME: *Rana conaensis*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa liebighii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa ercepeae (Dubois, 1974 “1973”

Changed from: *Rana ercepeae*.

ORIGINAL NAME: *Rana ercepeae*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa liebighii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa exilispinosa (Liu and Hu, 1975)

Changed from: *Rana exilispinosa*.

ORIGINAL NAME: *Rana exilispinosa*.

COMMENT: Change first sentence to read: Subgenus *Quasipaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa fasciculispina (Inger, 1970)

Changed from: *Rana fasciculispina*.

ORIGINAL NAME: *Rana fasciculispina*.

COMMENT: Change to read: Subgenus *Eripaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa feae (Boulenger, 1887)

Changed from: *Rana feae*.

ORIGINAL NAME: *Rana feae*.

COMMENT: Change first sentence to read: Subgenus *Gynandropaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa hazarensis (Dubois and Khan, 1979)

Changed from: *Rana hazarensis*.

ORIGINAL NAME: *Rana hazarensis*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa minica* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa jiulongensis (Huang and Liu, 1985). J. Fudan Univ. Nat Sci., 24:235.

ORIGINAL NAME: *Rana jiulongensis*.

TYPE(S): Holotype: FU 83001.

TYPE LOCALITY: Shang Che Pen of Jiulong Shan, Suichang County, Zhejiang Province, China.

DISTRIBUTION: Mountains (1060 m) of southwestern Zhejiang, China.

COMMENT: Subgenus *Quasipaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa liebighii (Günther, 1860)

Changed from: *Rana liebighii*.

ORIGINAL NAME: *Rana liebighii*.

COMMENT: Change first sentence to read: Subgenus *Paa*; in the *Paa liebighii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa liui (Dubois, 1987 “1986”). Alytes, 5:150.

ORIGINAL NAME: *Rana liui*.

TYPE(S): Holotype: KIZ 79006.

TYPE LOCALITY: Ninglang County, 2650 m, Yunnan Province, China.

DISTRIBUTION: Type locality in southwestern China.

COMMENT: Subgenus *Gynandropaa*. Replacement name for *Rana muta* Su and Li, 1986, Acta

Herpetol. Sinica, 5:152, preoccupied by *Rana muta* Laurenti, 1968 (= *Rana temporaria* Linnaeus, 1758).

Paa maculosa (Liu, Hu, and Yang, 1960)

Changed from: *Rana maculosa*.

ORIGINAL NAME: *Rana maculosa*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa maculosa* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa minica (Dubois, 1975)

Changed from: *Rana minica*.

ORIGINAL NAME: *Rana (Paa) minica*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa minica* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa polunini (Smith, 1951)

Changed from: *Rana polunini*.

ORIGINAL NAME: *Rana polunini*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa liebigii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa rara (Dubois and Matsui, 1983)

Changed from: *Rana rara*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa liebigii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa rostandi (Dubois, 1974).

Changed from: *Rana rostandi*.

ORIGINAL NAME: *Rana rostandi*.

COMMENT: Change to read: Subgenus *Paa*; in the *Paa liebigii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa shini (Ahl, 1930)

Changed from: *Rana shini*.

ORIGINAL NAME: *Rana shini*.

COMMENT: Change to read: Subgenus *Quasipaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320. Although considered to be synonym of *Rana (Paa) spinosa* by Liu, 1935, Peking Nat. Hist. Bull., 10:55–60, it was recognized as a distinct species by Liu and Hu, 1962, Acta Zool. Sinica, 14 (Suppl.):76. See Dubois, 1987 “1966”, Alytes, 5:142.

Paa spinosa (David, 1875)

Changed from: *Rana spinosa*.

ORIGINAL NAME: *Rana spinosa*.

COMMENT: Change first sentence to read: Subgenus *Quasipaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa sternosignata (Murray, 1885)

Changed from: *Rana sternosignata*.

ORIGINAL NAME: *Rana sternosignata*.

COMMENT: Change to read: Subgenus *Gynandropaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa vicina (Stoliczka, 1872)

Changed from: *Rana vicina*.

ORIGINAL NAME: *Rana vicina*.

COMMENT: Change first sentence to read: Subgenus *Paa*; in the *Paa liebighii* group. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Paa yunnanensis (Anderson, 1878). Anat. Zool. Res. Yunnan:839.

ORIGINAL NAME: *Rana yunnanensis*.

TYPE(S): Syntypes: BMNH 2 specimens (now lost). Neotype: BMNH 1947.2.3.76 (designated by Dubois, 1987 “1986”, Alytes, 5:45).

TYPE LOCALITY: “Hotha, Yunnan,” China. Changed to Tongchuan Fu, Yunnan, China, by Dubois, 1987 “1986”, Alytes, 5:45.

DISTRIBUTION: Mountains of Sichuan, Yunnan, and Guizhou, China, to northern Vietnam and Burma.

COMMENT: Subgenus *Gynandropaa*. Transferred from *Rana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319. Reviewed by Liu, 1950, Fieldiana: Zool. Mem., 2:272–277; Pope, 1931, Bull. Amer. Mus. Nat. Hist., 61:499–500; and Bourret, 1942, Batr. Indochine:293–295 (as *Rana phrynoides* and *Rana yunnanensis*). Synonymy includes *Rana phrynoides* Boulenger, 1917, and *Rana (Paa) sichuanensis* Dubois, 1986, according to Inger, Zhao, Shaffer, and Wu, 1990: Fieldiana:Zool., 58:12–13.

Rana

TYPE SPECIES: Change to read: *Rana temporaria*, by subsequent designation of Fleming, 1822, Philos. Zool.:304.

COMMENT: Change first paragraph and list of subgenera to read: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322:334 recognized 33 subgenera of *Rana*:

- (1) *Afrana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334; type species: *Rana fuscigula* Duméril and Bibron, 1841, Erp Gén.:386, by original designation.
- (2) *Amerana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322; type species: *Rana boylii* Baird, 1854, by original designation.
- (3) *Amietia* Dubois, 1987 “1986”, Alytes, 5:49; type species: *Rana vertebralis* Hewitt, 1927, by original designation.
- (4) *Ammirana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324; type species: *Rana amnicola* Perret, 1977, by original designation.
- (5) *Aquarana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331; type species: *Rana catesbeiana* Shaw, 1802, by original designation.
- (6) *Aurorana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322; type species: *Rana aurora* Baird and Girard, 1852, by original designation.
- (7) *Babina* VanDenburgh, 1912, Adv. Diag. New Rept. Amphib.:3; type species: *Rana holsti* Boulenger, 1892, by original designation.
- (8) *Chalcorana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326; type species: *Rana chalconota* Schlegel, 1837, by original designation.
- (9) *Clinotarsus* Mivart, 1869, Proc. Zool. Soc. London, 1869:228; type species: *Pachybatrachus robustus* Mivart, 1869 (= *Rana curtipes* Jerdon, 1853), by monotypy.
- (10) *Eburana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328; type species: *Rana narina* Stejneger, 1901, by original designation.
- (11) *Glandirana* Fei, Ye, and Huang, 1990, Syst. Chinese Amphib.:4; type species: *Rana minima* Ting and Tsaim 1979, by original designation.
- (12) *Humerana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324; type species: *Rana humeralis* Boulenger, 1887, by original designation.
- (13) *Hydrophylax* Fitzinger, 1843, Syst. Rept.:31; type species: *Rana malabarica* Tschudi, 1838, by original designation.

- (14) *Hylarana* Tschudi, 1838, Classif. Batr.:37; type species: *Rana erythraea* Schlegel, 1837, by monotypy.
- (15) *Lithobates* Fitzinger, 1843, Syst. Rept.:31; type species: *Rana palmipes* Spix, 1824, by original designation.
- (16) *Nasirana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328; type species: *Rana alticola* Boulenger, 1882, by original designation.
- (17) *Nidirana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324; type species: *Rana psaltes* Kuramoto, 1985, by original designation.
- (18) *Odorrana* Fei, Ye, and Huang, 1990, Syst. Chinese Amphib.:4; type species: *Rana margaretae* Liu, 1950, by original designation.
- (19) *Pantherana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331; type species: *Rana pipiens* Schreber, 1782, by original designation.
- (20) *Papurana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325; type species: *Rana papua* Lesson, 1830, by original designation.
- (21) *Pelophylax* Fitzinger, 1843, Syst. Rept.:31; type species: *Rana esculenta* Linnaeus, 1758, by original designation.
- (22) *Pseudorana* Fei, Ye, and Huang, 1990, Syst. Chinese Amphib.:3; type species: *Rana weiningensis* Liu, Hu, and Yang, 1962, by original designation.
- (23) *Pterorana* Kiyasetuo and Khare, 1986, Asian J. Expl. Sci., 1:12; type species: *Pterorana khare* Kiyasetuo and Khare, 1986, by monotypy.
- (24) *Pulchrana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326; type species: *Polypedates signatus* Günther, 1872, by original designation.
- (25) *Rana* Linnaeus, 1758, Syst. Nat., Ed. 10:210; type species: *Rana temporaria*, by subsequent designation of Fleming, 1822, Philos. Zool.:304.
- (26) *Rugosa* Fei, Ye, and Huang, 1990, Syst. Chinese Amphib.:125; type species: *Rana rugosa* Temminck and Schlegel, 1838, by original designation.
- (27) *Sanguirana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329; type species: *Rana sanguinea* Boettger, 1893, by original designation.
- (28) *Sierrana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330; type species: *Rana sierramadrensis* Taylor, 1939, by original designation.
- (29) *Strongylopus* Tschudi, 1838, Classif. Batr.:38; type species: ? *Rana fasciata* Duméril and Bibron, 1841, by subsequent designation of Dubois, 1987, Alytes, 6:69–74 (see comment under *Rana fasciata*).
- (30) *Sylvirana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326; type species: *Limnodytes nigrovittatus* Blyth, 1855, by original designation.
- (31) *Tryphlops* Cope, 1868, Proc. Acad. Nat. Sci. Philadelphia, 1868:117; type species: *Ranula chrysoprasina* Cope, 1866 (= *Ixalus warschewitschii* Schmidt, 1857), by original designation.
- (32) *Tylerana* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329; type species: *Rana jimiensis* Tyler, 1963, by original designation.
- (33) *Zweifelia* Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330; type species: *Rana tarahumarae* Boulenger, 1917, by original designation.
- Add at end: Japanese species reviewed by Maeda and Matsui, 1990, Frogs and Toads of Japan. Several species have been removed from *Rana* and placed in *Amolops*, *Ingerana*, and *Limnonectes* by Dubois, 1987 “1986”, Alytes, 5:51–66; *Indirana* by Laurent, 1986, Traite Zool.:761; and *Hoplobatrachus*, *Chaparana*, *Paa*, and *Taylorana* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana adenopleura

DISTRIBUTION: Change to read: Fujian, Jiangxi, Yunnan, Sichuan, Hainan I., and Taiwan, China.
 Authority: Kuramoto, 1985, Herpetologica, 41:150–158.

COMMENT: Change first sentence to read: Subgenus *Nidirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana aenea

Change to: *Chaparana aenea*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Rana albolabris

COMMENT: Change to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc.

Linn. Lyon, 61:324. Reviewed by Perret, 1977, Rev. Suisse Zool., 84:846–850.

Rana albotuberculata Inger, 1954. Fieldiana: Zool., 33:311.

ORIGINAL NAME: *Rana everetti albotuberculata*.

TYPE(S): Holotype: MCZ 23190.

TYPE LOCALITY: Cabalian, Leyte, Philippines.

DISTRIBUTION: Leyte, Philippine Is.

COMMENT: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328, who elevated *Rana everetti albotuberculata* to specific status without comment.

Rana altaica

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana chensinensis* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana alticola

COMMENT: Change first sentence to read: Subgenus *Nasirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana amieti

COMMENT: Change to read: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Rana amnicola

COMMENT: Change to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana amurensis

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana japonica* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana andersonii

COMMENT: Change first sentence to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana angolensis

DISTRIBUTION: Change to read: Mainly upland areas of Ethiopia south to southern Zaire, Angola through Mozambique, most of Rep. South Africa, excluding southwestern part.

Authority: Poynton and Broadley, 1985, Ann. Natal Mus., 27:133.

COMMENT: Change first sentence to read: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334. Add before last sentence: Geographic variation discussed by Poynton and Broadley, 1985, Ann. Natal Mus., 27:154.

Rana anlungensis

COMMENT: Change to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana annandalii

Change to: *Paa annandalii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana arathooni

Change to: *Limnonectes arathooni* (Smith, 1927).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana areolata

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana arfaki

COMMENT: Change to read: Subgenus *Tylerana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana arnoldi

Change to: *Paa arnoldi*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana arvalis

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana arvalis* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana asiatica

DISTRIBUTION: Change last line to read: and northwestern China.

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana asperrima

COMMENT: Change to read: Subgenus *Ammirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana aurantiaca

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Synonymy includes *Rana bhagmandlensis* Rao, 1922, J. Bombay Nat. Hist. Soc., 28:441, according to Dutta, 1990, J. Bombay Nat. Hist. Soc., 87:310.

Rana aurora

COMMENT: Change first sentence to read: Subgenus *Aurorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Rana baramica

COMMENT: Change first sentence to read: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana barmoachensis Khan and Tasnim, 1989. J. Herpetol., 23:419.

TYPE(S): Holotype: USNM 257534.

TYPE LOCALITY: Barmoach, Goi Madan, District Kotli, Azad Kashmir (33°30'N, 74°E, 1493 m), Pakistan.

DISTRIBUTION: Northwestern Pakistan.

COMMENT: Not assigned to subgenus.

Rana beddomii

Change to: *Indirana beddomii*.

TYPE(S): Change to read: Syntypes: BM.

Authority: Laurent, 1986, Traite Zool.:761.

Rana berlandieri

COMMENT: Changeto read: Subgenus *Patheranaa*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana bhagmandlensis

COMMENT: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana bilineata

Delete: Homonym of *Rana bilineata* Shaw; replacement name is *Rana albolineata*. (= *Rana taipehensis*).

Authority, Dubois, 1985, Alytes, 4:153; Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:61:341.

Rana blairi

COMMENT: Change to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana blanfordii

Change to: *Paa blanfordii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana blythii

Change to: *Limnonectes blythii* (Boulenger, 1920).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana bonaspei Dubois, 1980.

Changed from: *Strongylopus bonaspei*.

ORIGINAL NAME: Change to read: *Rana (Strongylopus) bonaspei*.

COMMENT: Add to beginning: Subgenus *Strongylopus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Rana boulengeri

Change to *Paa boulengeri*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana boylii

COMMENT: Change last sentence to read: Subgenus *Amerana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Rana brachytarsus

Change to: *Indirana brachytarsus*.

Authority: Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:423.

Rana brevipalmata

Change to: *Limnonectes brevipalmatus*

Authority: Dubois, 1987 “1986”, Alytes, 5:61.

Rana brevipoda

Delete. Synonym of *Rana porosa*.

Authority: Matusi and Hikada, 1985, J. Herpetol., 19:423–425.

Rana brownorum

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana bwana Hillis and de Sá, 1988. Herpetol. Monogr., 2:3.

TYPE(S): Holotype: LACM 49205.

TYPE LOCALITY: 1.5 km S Las Lomas, Río Chipillico, Departamento de Piura, Peru.

DISTRIBUTION: Pacific versant of Huancabamba Depression at elevations of 200–700 m in north-western Peru and southwestern Ecuador.

COMMENT: Subgenus *Lithobates*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330.

Rana caldwelli Schmidt, 1925. Am. Mus. Nivit., 175:2.

TYPE(S): Holotype: 18485.

TYPE LOCALITY: “probably near Yenping,” Fukien Province, China.

DISTRIBUTION: Known only from type locality.

COMMENT: Subgenus *Nidirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324, who recognized the species without comment.

Rana camerani

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana cancrivora

Change to: *Limnonectes cancrivorus*.

Authority: Dubois, 1987 “1986”, Alytes, 5:60.

Rana cascadae

COMMENT: Change first sentence to read: Subgenus *Aurorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Rana catesbeiana

COMMENT: Change to read: Subgenus *Aquarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana celebensis

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana chalconota

DISTRIBUTION: Change to read: Southern Thailand to Sumatra, Java, and Celebes.

COMMENT: Change first two sentences to read: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328. Add to end: The subspecies *Rana chalconota raniceps* (Peters, 1871) as recognized by Inger, 1966, Fieldiana: Zool., 52:177–183, was accorded specific status by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana chaochiaoensis Liu, 1946. J. West China Border Res. Soc., (B)16:7.

TYPE(S): Not traced.

TYPE LOCALITY: “Chaochiao City, Sikang,” (= Zhaojue, Sichuan), China.

DISTRIBUTION: Mountains of Sichuan, China.

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333. Considered to be a synonym of *Rana japonica* by Liu and Hu, 1961, Tailleux Amph. China:180–181, but recognized as a distinct species by Inger, Zhao, Shaffer, and Wu, 1990, Fieldiana: Zool., 58:10.

Rana chapaensis

COMMENT: Change to read: Subgenus *Nidirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324. Reviewed by Bourret, 1942, Batr. Indochine:341–343.

Rana chensinensis

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana chensinensis* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333. Change last line to read: *semiplicata* Nikolskii, 1918. Probably includes two or three cryptic species according to Kawamura, Nishioka, Ueda, Borkin, and Wu., 1985, Zool. Sci., 2:1010. Four subspecies recognized by Wei, Chen, Xu, and Li, 1991, Acta Zootaxon. Sinica, 16:375–382. See comment under *Rana dybowskii*.

Rana chevronta

COMMENT: Change to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana chiricahuensis

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana chosenica Okada, 1931. Tailless Batr. Japan. Emp.:89.

ORIGINAL NAME: *Rana nigromaculata chosenica*.

TYPE(S): Holotype: ZITIU 1711.

TYPE LOCALITY: Seoul, Korea.

DISTRIBUTION: Western and southern Korean Peninsula.

COMMENT: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. *Rana nigromaculata chosenica* was proposed as a replacement name for *Rana nigromaculata coreana* Okada, 1926, which is preoccupied by *Rana temporaria coreana* Okada, 1926. Formerly recognized as a subspecies of *Rana plancyi*, but recognized as a distinct species by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Also see Kuramoto, 1983, Sci. Rep. Lab. Amph. Biol. Hiroshima Univ., 6:253–267.

Rana clamitans

COMMENT: Change first sentence to read: Subgenus *Aquarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana conaensis

Change to: *Paa conaensis*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana cordofana

COMMENT: An unknown species; not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana cornii

Change to: *Euphlyctis cornii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314–315.

Rana corrugata

Change to: *Limnonectes corrugatus*.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana crassa

Change to: *Hoplobatrachus crassus*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Soc. Lyon, 61:315.

Rana crassiovis

COMMENT: Change first sentence to read: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana cubitalis

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana curtipes

COMMENT: Changeto read: Subgenus *Clinotarsus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana cyanophlyctis

Change to: *Euphlyctis cyanophlyctis*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314–315.

Rana daemeli

DISTRIBUTION: Change to read: Southern lowlands of New Guinea, New Britain, Aru I., north-eastern Queensland, Australia.

Authority: Menzies, 1987, Aust. J. Zool., 35:373–418.

COMMENT: Change first sentence to read: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325.

Rana dalmatina

Change to read: *Rana dalmatina* Fitzinger In Bonaparte, 1838. Icon. Fauna Ital.:203.

Authority: Dubois, 1987 “1986”, Alytes, 5:131.

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana danieli

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana darlingi

COMMENT: Change first sentence to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana dauchina

Change to read: *Rana daunchina* Chang, 1933.

COMMENT: Change first sentence to read: Subgenus *Nidirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana debussyi

COMMENT: Change to read: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana delacouri

Change to *Chaparana delacouri*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Rana demarchii

Change to: *Hoplobatrachus demarchii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Soc. Lyon, 61:315.

Rana desaegeri

COMMENT: Change to read: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Rana diplosticta

Change to: *Indirana diplosticta*.

Authority: Laurent, 1986, Traite Zool.:761.

Rana diuata

Change to: *Limnonectes diuata*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana doriae

Change to: *Limnonectes doriae*.

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Rana dracomontana

COMMENT: Change to read: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334. Discussed by Lambiris, 1988, Lammergeyer, 39:91–93.

Rana dunni

COMMENT: Change to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana dybowskii

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana chensinensis* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana ehrenbergi

Change to: *Euphlyctis ehrenbergi*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314–315.

Rana elberti

DISTRIBUTION: Change to read: Timor and Wetar Is., Sundas, Indonesia.

Authority: Menzies, 1987, Aust. J. Zool. 35: 373–418.

COMMENT: Change to read: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325.

Rana emeljanowi Nikolski, 1913. Ann. Mus. Zool. Acad. Imp. Sci. St. Pétersbourg, 18:149.

TYPES(S): Holotype: DZKU.

TYPE LOCALITY: Imienpo Station, Chinese Eastern Railway, Manchuria, China.

DISTRIBUTION: Known only from the type locality in northern China.

COMMENT: Subgenus *Rugosa*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332, who resurrected the name from the synonymy of *Rana rugosa* Schlegel, 1838, without comment.

Rana ercepeae

Change to: *Paa ercepeae*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana erythraea

COMMENT: Change first sentence to read: Subgenus *Hylarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana esculenta

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana everetti

COMMENT: Change first sentence to read: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana exilispinosa

Change to: *Paa exilispinosa*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana fansipani

Change to: *Chaparana fansipani*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Rana fasciata Smith, 1849.

Changed from: *Strongylopus fasciatus*.

ORIGINAL NAME: Delete.

COMMENT: Add to beginning: Subgenus *Strongylopus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333. Change line 6 to read: ... Zoology. If the petition submitted by Dubois, 1987, Alytes, 6:69–74, is accepted, the specific name will be *Rana fasciata* Duméril and Bibron, 1841, Erp. Gén., 8:389. Subspecies ...

Rana fasciculispina

Change to: *Paa fasciculispina*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana feae

Change to: *Paa feae*

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana fisheri

COMMENT: Change second sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana florensis

COMMENT: Change first sentence to read: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana forreri

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana fragilis

Change to: *Limnonectes fragilis*.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana fukiensis Pope, 1929. Am. Mus. Novit., 252:4.

TYPE(S): Holotype: AMNH 29182.

TYPE LOCALITY: Futsing Hsien, Fukien (= Fujian) Province, China.

DISTRIBUTION: Southeastern China and Taiwan.

COMMENT: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon,

61:332. Formerly recognized as a subspecies of *Rana plancyi*, but recognized as a distinct species by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Also see Kuramoto, 1983, Sci. Rep. Lab. Amph. Biol. Hiroshima Univ., 6:253–267.

Rana fuscigula

COMMENT: Change first sentence to read: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Rana galamensis

DISTRIBUTION: Change to read: Savannas from Senegal to Somalia and south to Mozambique.
COMMENT: Change first sentence to read: Subgenus *Hydrophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325.

Rana garoensis

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana garritor Menzies, 1987. Aust. J. Zool. 35:393.

TYPE(S): Holotype: UP 1647.

TYPE LOCALITY: "forest stream ca. 600 m, nr Eilogo Estate," Central Province, Papua New Guinea.

DISTRIBUTION: New Guinea.

COMMENT: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana gerbillus

COMMENT: Change to read: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana ghoshii Chanda, 1990. Hamadryad, 15:16.

TYPE(S): Holotype: ZSI KZ318.

TYPE LOCALITY: Khugaik Reserve Forest (ca. 925 m elev.), Manipur, India.

DISTRIBUTION: Known only from the type locality in northeastern India.

COMMENT: Not treated by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352. The generic placement is uncertain. According to the original description, *Rana ghoshii* is similar to *Rana cyanophlyctis*, *corrugata*, and *sternosignata*, placed in *Euphlyctis*, *Limnonectes*, and *Paa*, respectively, by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana glandulosa

COMMENT: Change first sentence to read: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana gracilipes

Delete. Synonym of *Micryletta steinegeri*.

Authority: Dubois, 1987, Alytes, 6:8.

Rana gracilis

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana graeca

TYPE(S): Change to read: Lectotype BM 1947.2.1.50.

DISTRIBUTION: Change to read: Balkan Peninsula from central Yugoslavia and southern Bulgaria south.

COMMENT: Change to read: Subgenus *Rana*, in the *Rana graeca* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333. Dubois, 1985, Alytes, 4:135–138, designated the lectotype and described a new subspecies, *Rana graeca italica*, which was elevated to species status by Picariello, Scillitani, and Cretella, 1990, Amphibia-Reptilia, 11:189–192.

Rana grahami

COMMENT: Add to beginning: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329. Change last line to read: *Rana margaretae*.

Rana grandocula Taylor, 1920. Philippine J. Sci., 16:274.

TYPE(S): Holotype: Not traced (formerly EHT 334).

TYPE LOCALITY: near Bunawan, Agusan Province, Mindanao, Philippines.

DISTRIBUTION: Bohol, Mindanao, and Basilan, Philippine Is.

COMMENT: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Considered to be a subspecies of *Rana signata* by Inger, 1954, Fieldiana: Zool., 33:322, but listed as a full species without comment by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana grayii Smith, 1849.

Changed from: *Strongylopus grayii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

ORIGINAL NAME: Delete.

COMMENT: Subgenus *Strongylopus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana greenii

Change to: *Limnonectes greenii*.

Authority: Dubois, 1987 “1986”, Alytes, 5:61.

Rana grisea

COMMENT: Change to read: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana grunniens

Change to: *Limnonectes grunniens* (Sonnini and Latreille, 1801).

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana grylio

COMMENT: Change first sentence to read: Subgenus *Aquarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana guentheri

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana hascheana

Change to: *Taylorana hascheana*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314

Rana hazarensis

Change to: *Paa hazarensis*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana heckscheri

COMMENT: Change first sentence to read: Subgenus *Aquarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana heinrichi

Change to: *Limnonectes heinrichi*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana hejiangensis Deng and Yu, 1992. J. Sichuan Teach. Col., 13:323.

TYPE(S): Holotype: STC 84034.

TYPE LOCALITY: Shunyangxi, 900 m, Zhihuai, Hejiang Co., Sichuan, China.

DISTRIBUTION: Yangtze River Valley in Hejiang Co., Sichuan, China.

Rana hexadactyla

Change to: *Euphlyctis hexadactyla*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:314–315.

Rana holsti

COMMENT: Change first sentence to read: Subgenus *Babina*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana holtzi

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana hosii

COMMENT: Change first sentence to read: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana huanrensis Fei, Ye, and Huang, 1990. Key Chinese Amph.: 131.

TYPE(S): None designated.

TYPE LOCALITY: Huanren Co., Liaoning, China.

DISTRIBUTION: Reported only from type locality.

COMMENT: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull.

Mens. Soc. Linn. Lyon, 61:333. Inadvertently named in a key, but information is sufficient under the Code of 1985 to warrant validity as an available name.

Rana hubeiensis

COMMENT: Change to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana humeralis

DISTRIBUTION: Change to read: Northern Burma to eastern Nepal.

Authority: Dubois, 1987 "1986", Alytes, 5:142.

COMMENT: Change first sentence to read: Subgenus *Humerana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325.

Rana hymenopus Boulenger, 1920.

Changed from: *Strongylopus hymenopus*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

ORIGINAL NAME: Delete.

COMMENT: Subgenus *Strongylopus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana ibanorum

Change to: *Limnonectes ibanorum*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:63.

Rana iberica

COMMENT: Change to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:333.

Rana ijimae

COMMENT: Change first sentence to read: Subgenus *Eburana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:328.

Rana ingeri

Change to: *Limnonectes ingeri*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:63.

Rana intermedia

Delete. Synonym of *Rana temporalis* Günther, 1864.

Authority: Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:341.

Rana ishikawae

COMMENT: Change first sentence to read: Subgenus *Eburana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:328.

Rana italica Dubois, 1985. *Alytes*, 4:137.

ORIGINAL NAME: *Rana graeca italica*.

TYPE(S): Holotype: MNHNP 1979.8040.

TYPE LOCALITY: Fosso dell' Acqua Bianca, 130 m, east of Tolfa and west of Rota, Roma, Lazio, Italy.

DISTRIBUTION: Italy.

COMMENT: Subgenus *Rana*, in the *Rana graeca* group according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:333. Elevated to species status by Picariello, Scillitani, and Cretella, 1990, *Amphibia-Reptilia*, 11:189–192.

Rana japonica

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana japonica* group according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:333. Change lines 4–7 to read: ... 2:285–292, and Kuramoto, 1974, *Copeia*, 1974:815–822. See comment under *Rana longicrus*.

Rana jimiensis

DISTRIBUTION: Change to read: Upper reaches of Jimi, Ramu, and Sepik rivers, Papua New Guinea.

Authority: Menzies, 1987, *Aust. J. Zool.*, 35:373–418.

COMMENT: Subgenus *Tylerana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:329.

Rana johnei

COMMENT: Change last sentence to read: Subgenus *Zweifelia*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:331.

Rana johnstoni

COMMENT: Change first sentence to read: Subgenus *Afrana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:334. Discussed by Poynton and Broadley, 1985, *Ann. Natal Mus.*, 27:134–135.

Rana juliani Hillis and de Sá, 1988. Herpetol. Monogr., 2:7.

TYPE(S): Holotype: UTA 9068.

TYPE LOCALITY: Southwest end of Little Quartz Ridge, Maya Mountains (16°24'N, 89°06'W, 915 m), Toledo District, Belize.

DISTRIBUTION: Maya Mountains, Belize.

COMMENT: Subgenus *Sierrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330.

Rana kampenii

COMMENT: Change first sentence to read: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana keralensis

Change to: *Limnonectes keralensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:61, 131–132.

Rana khammonensis

Change to: *Limnonectes khammonensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana khare (Kiyasetuo and Khare, 1986). Asian J. Expl. Sci., 1:12.

ORIGINAL NAME: *Pterorana khare*.

TYPE(S): Not traced.

TYPE LOCALITY: Not traced.

DISTRIBUTION: Apparently restricted to Nagaland in northeastern India.

COMMENT: This name and reference were listed by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329, who considered *Pterorana* to be a subgenus of *Rana*. All attempts to obtain the reference have failed.

Rana khasiana

Change to: *Limnonectes khasianus*

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana kohchangae

Change to: *Limnonectes kohchangae*.

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Rana krefftii Boulenger, 1882. Cat. Batr. Brit. Mus.:64.

TYPE(S): Syntypes: BM 55.11.7.26 and 71.5.22.10.

TYPE LOCALITY: Solomon Is. (BM 55.11.7.26 from San Cristobal I.; BM 71.5.22.10 no specific locality).

DISTRIBUTION: Solomon Is., New Ireland.

COMMENT: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Recognized as distinct species by Menzies, 1987, Aust. J. Zool. 35:373–418.

Rana kuangwuensis

COMMENT: Change to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana kuhlii

Change to: *Limnonectes kuhlii*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana latastei

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana lateralis

COMMENT: Add to beginning: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana laticeps

Change to: *Limnonectes laticeps*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana latouchii

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana leithii

Change to: *Indirana leithii*.

Authority: Laurent, 1986, Traite. Zool.:761.

Rana lemairii

Change to read: *Rana lemairiei* Witte, 1921. Rev. Zool. Afr., 9:1.

COMMENT: Change first sentence to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana leptodactyla

Change to: *Indirana leptodactyla*.

Authority: Laurent, 1986, Traite Zool.:761.

Rana leptoglossa

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana lepus

COMMENT: Change first sentence to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana lessonae

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Delete last sentence.

Rana levantina Schneider, Sinsch, and Nevo, 1992. Zool. Anz. 22:102.

TYPE(S): Holotype: ZFMK 52836.

TYPE LOCALITY: Birket Ata, 5 km S of Hadera, Israel.

DISTRIBUTION: Israel to the Nile Delta, Egypt.

COMMENT: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352. Related to *Rana ridibunda* according to original description and therefore in the subgenus *Pelophylax*.

Rana leytenensis

Change to: *Limnonectes leytenensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana liebigii

Change to: *Paa liebigii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana limnocharis

Change to: *Limnonectes limnocharis*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Rana livida

COMMENT: Change first sentence to read: Subgenus *Eburana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana longicrus

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana japonica* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana longimanus

Change to: *Amolops longimanus*.

Authority: Dubois, 1987 "1986", Alytes, 5:51.

"Rana longipes"

COMMENT: Change first phrase to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324;

Rana luctuosa

COMMENT: Change first sentence to read: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana lungshengensis

COMMENT: Change to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana luzonensis Boulenger, 1896. Ann. Mag. Nat. Hist., (6)17:401.

TYPE(S): Syntypes: BM

TYPE LOCALITY: Lepauto (= Lepanto, Luzon, Philippines).

DISTRIBUTION: Luzon and Polillo, Philippine Is.

COMMENT: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328, who recognized this taxon as a species, but Inger, 1954, Fieldiana:Zool., 33:311–312, treated it as a subspecies of *Rana everetti*.

Rana macrocnemis

COMMENT: Change second sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana macrodactyla

COMMENT: Change first sentence to read: Subgenus *Hylarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana macrodon

Change to: *Limnonectes macrodon*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana macroglossa

COMMENT: This specific name is not associated with any known population. Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana macrognathus

Change to : *Limnonectes macrognathus*.

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Rana macrops

COMMENT: Change to read: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana maculata

COMMENT: Change to read: Subgenus *Sierrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330.

Rana maculosa

Change to: *Paa maculosa*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana magna

Change to: *Limnonectes magnus*.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana magnaocularis

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana malabarica

COMMENT: Change to read: Subgenus *Hydrophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325.

Rana malesiana

Change to: *Limnonectes malesianus*.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana maosonensis

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Reviewed by Bourret, 1942, Batr. Indochine:351–352.

Rana margaratae

Change to read: *Rana margaratae* Liu, 1950.

COMMENT: Change first sentence to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana margariana

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Reviewed by Bourret, 1942, Batr. Indochine:334–335.

Rana mawphlangensis

Change to: *Limnonectes mawphlangensis*.

Authority: Dubois, 1987 “1986”, Alytes, 5:62.

Rana megapoda

Delete. Synonym of *Rana trilobata* Mocquard, 1899.

Authority: Webb, 1991, Herpetologica, 47:13–21.

Rana melanomenta

COMMENT: Change first two sentences to read: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana miadis

COMMENT: Change to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana micrixalus

Change to: *Limnonectes micrixalus*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana microdisca

Change to: *Limnonectes microdiscus*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana milleti

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Reviewed by Bourret, 1942, Batr. Indochine:312–314.

Rana minica

Change to: *Paa minica*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana minima

COMMENT: Change to read: Subgenus *Glandirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana miopus

COMMENT: Change first sentence to read: Subgenus *Humerana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:325.

Rana modesta

Change to: *Limnonectes modestus*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana moellendorffi Boettger, 1893. Zool. Anz., 16:363.

TYPE(S): Lectotype: SMF 5432, designated by Mertens, 1967, Senckenb. Biol., 48:45. .

TYPE LOCALITY: Culion Is., Philippines.

DISTRIBUTION: Busuanga, Culion, and Palawan Is., Philippine Is.

COMMENT: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Considered to be a subspecies of *Rana signata* by Inger, 1954, Fieldiana: Zool., 33:323, but listed as a full species without comment by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana moluccana

COMMENT: Change first sentence to read: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana montezumae

COMMENT: Change to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana montivaga

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Reviewed by Bourret, 1942, Batr. Indochine:346–348. See comment under *Rana narina*.

Rana mortenseni

Delete: Synonym of *Rana nigrovittata*.

Authority: Dubois, 1987 "1986", Alytes, 5:131.

Rana murthii

Change to: *Limnonectes murthii*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Rana muscosa

COMMENT: Change last sentence to read: Subgenus *Amerana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Rana namiyei

Change to: *Limnonectes namiyei*

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana narina

COMMENT: Change first sentence to read: Subgenus *Eburana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328. Change lines 3–8 to read:...*Rana ijimae*.

Rana neovolcanica Hillis and Frost, 1985. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 117:3.

TYPE(S): Holotype: KU 200782.

TYPE LOCALITY: 3.2 km NW Tapalpa, Jalisco, Mexico, 2088 m.

DISTRIBUTION: Elevations of 1500–2500 m along the southern edge of the Mexican Plateau in the states of Guanajuato, Jalisco, and Michoacán, Mexico.

COMMENT: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana nepalensis

Change to *Limnonectes nepalensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Rana nicobariensis

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Reviewed by Bourret, 1942, Batr. Indochine:351–352.

Rana nigrolineata

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana nigromaculata

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana nigrotympanica Dubois, 1992. Bull. Mens. Soc. Linn. Lyon, 61:341.

TYPE(S): Not traced; specimen illustrated (Fig. 4-1) by Liu and Hu, 1959, Acta Zool. Sinica, 11:508–538, designated as holotype in original description.

TYPE LOCALITY: None specified.

DISTRIBUTION: Yunnan, Guangxi, and Hainan I., China.

COMMENT: Subgenus *Silvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326, who based the new name on information in the literature (e.g., Inger, 1954, Fieldiana: Zool.,

33:328–331, and Liu and Hu, 1959, *Acta Zool. Sinica*, 11:508–538) that Chinese frogs referred to *Rana varians* Boulenger, 1894, differed from those in the Philippines.

Rana nigrovittata

DISTRIBUTION: Change to read: Assam (India) and eastern Nepal to Yunnan...

Authority: Dubois, 1987 “1986”, *Alytes*, 5:131, 142.

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:326. Reviewed by Bourret, 1942, *Batr. Indochine*:351–352. Add to end: Synonymy includes *Rana mortenseni* Boulenger, 1903, *Ann. Mag. Nat. Hist.*, (7)12:219.

Rana nitida

Change to: *Limnonectes nitidus*

Authority: Dubois, 1987 “1986”, *Alytes*, 5:63.

Rana novaeguineae Van Kampen, 1909. Nova Guinea, 9:37.

TYPE(S): Lectotype: ZMA 5761 (designated by Daan and Hillenius, 1966, *Beaufortia*, 13:124).

TYPE LOCALITY: Sabang, Lorentz River, western New Guinea.

DISTRIBUTION: Lowlands of southern New Guinea.

COMMENT: Subgenus *Papurana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:326. Recognized as distinct species by Menzies, 1987, *Aust. J. Zool.*, 35:373–418.

Rana oatesii

COMMENT: Change first sentence to read: Subgenus *Humerana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:325.

Rana occidentalis

COMMENT: Change first sentence to read: Subgenus *Amnirana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:324.

Rana occipitalis

Change to: *Hoplobatrachus occipitalis*.

Authority: Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:315.

Rana okaloosae Moler, 1985. *Copeia*, 1985:379.

TYPE(S): Holotype: FSM 53964.

TYPE LOCALITY: Malone Creek, Elgin Air Force Base (Sec 24-T2N-R25W), Okaloosa County, Florida, USA.

DISTRIBUTION: Okaloosa and Santa Rosa counties in the panhandle of Florida, USA.

COMMENT: Subgenus *Aquarana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:331.

Rana okinavana

COMMENT: Add to beginning: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:333.

Rana omiltemana

COMMENT: Change to read: Subgenus *Pantherana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:331.

Rana onca

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:331.

Rana ornativentris

COMMENT: Change last sentence to read: Subgenus *Rana*, in the *Rana chensinensis* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana palmipes

DISTRIBUTION: Change to read: Lowlands of northern South America east of the Andes.

COMMENT: Subgenus *Lithobates*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330. Add to end: Redefined and geographic distribution restricted by Hillis and de Sá, 1988, Herpetol. Monogr., 2:10-12.

Rana palustris

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana papua

COMMENT: Change last sentence to read: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana paramacrodon

Change to: *Limnonectes paramacrodon*.

Authority: Dubois, 1987 "1986", Alytes, 5:63.

Rana parkeriana

COMMENT: Change first sentence to read: Subgenus *Amnirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana perezi

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana persimilis

COMMENT: Change to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana phrynoderma

Change to: *Indirana phrynoderma*.

Authority: Laurent, 1986, Traite Zool.:761.

Rana phrynoides

Delete. Synonym of *Paa yunnanensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:45.

Rana pierrei

Change to: *Limnonectes pierrei*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Rana pileata

Change to: *Limnonectes pileatus*.

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Rana pipiens

COMMENT: Change second sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana pirica Matsui, 1991. Japan J. Herpetol. 14:69.

TYPE(S): Holotype: OMNH: AM-9527.

TYPE LOCALITY: Nakano-sawa, Minami-ku, Sapporo-shi (43°00'N, 141°19'E, 300 m), Hokkaido Prefecture, Japan.

DISTRIBUTION: Hokkaido I. and adjacent small islands (Rishiri and Rebun), Japan.

COMMENT: Subgenus *Rana*; in the *Rana chensinensis* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana plancyi

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Change last line to read: ... *Rana chosonica* (so treated herein).

Rana pleuraden

COMMENT: Change first sentence to read: Subgenus *Nidirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana plicatella

Change to: *Limnonectes plicatellus*

Authority: Dubois, 1987 "1986", Alytes, 5:62.

Rana polunini

Change to: *Paa polunini*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana porosa (Cope, 1868). Proc. Acad. Nat. Sci. Philadelphia, 20:139.

ORIGINAL NAME: *Tomopterna porosa*.

TYPE(S): Syntypes: MCZ 305 (3 specimens).

TYPE LOCALITY: Kanagawa, Japan.

DISTRIBUTION: Central and southwestern Honshu, Japan.

COMMENT: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Name resurrected by Matsui and Hikada, 1985, J. Herpetol., 19:423–425. Formerly recognized as *Rana brevipoda* Ito, 1941, Nagoya Seibutsugakkai Kiroku, 8:77. Kawamura and Nishioka, 1975, Proc. Japan. Soc. Syst. Zool., 11:61, considered *Rana brevipoda porosa* as an allopatric population which originated by introgressive hybridization between *Rana brevipoda brevipoda* and *Rana nigromaculata*.

Rana pretiosa

COMMENT: Change first sentence to read: Subgenus *Aurorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322.

Rana psaltes Kuramoto, 1985. Herpetologica, 41:150.

TYPE(S): Holotype: FUE 80320.

TYPE LOCALITY: Kampira Falls (Urauchi River, 24°21'N, 123°49'E), Iriomote I., Ryukyu Is., Japan.

DISTRIBUTION: Iriomote and Ishigaki Is., Yaeyama group of Ryukyu Is., Japan.

COMMENT: Subgenus *Nidirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana pueblae

COMMENT: Change to read: Subgenus *Zweifelia*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana pustulosa

COMMENT: Change first sentence to read: Subgenus *Zweifelia*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331. Change last three lines to read: ... Publ., 10:237. See comments under *Rana trilobata* and *Rana zweifeli*.

Rana quadrana

Change to: *Chaparana quadranus*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Rana raja

Change to: *Limnonectes raja*

Authority: Dubois, 1987 "1986", Alytes, 5:60.

Rana raniceps (Peters, 1971). Monatsb. Preuss. Akad. Wiss. Berlin, 1871:580.

ORIGINAL NAME: *Polypedates rancieps*.

TYPE(S): ZMB (?).

TYPE LOCALITY: Sarawak.

DISTRIBUTION: Malaya and Borneo.

COMMENT: Subgenus *Chalcorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328, who recognized it as a full species without comment, whereas Inger, 1966, Fieldiana: Zool., 52: 177–183 recognized it as a subspecies of *Rana chalconota*.

Rana rara

Change to: *Paa rara*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana ridibunda

COMMENT: Change first two sentences to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Add to end: Synonymy includes *Rana epeirotica* Schneider, Sofianidau, and Kyriakopoulou-Sklavounou, 1984, according to Stugren and Kaplanidis, 1989, Stud. Univ. Babes. Bolyi. Biol., 34:57-68.

Rana rostandi

Change to: *Paa rostandi*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana rugosa

COMMENT: Change first sentence to read: Subgenus *Rugosa*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana rugulosa

Change to: *Hoplobatrachus rugulosus*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:315.

Rana ruwenzorica

COMMENT: Change to read: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Rana saharica

COMMENT: Change first sentence to read: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana sakuraii Matsui and Matsui, 1990. Herpetologica, 46:78.

TYPE(S): Holotype: OMNH AM-7106.

TYPE LOCALITY: Nipparagawa (35°50'N, 139°02'W, 600 m), Nippara, Okutama-machi, Nishitama-gun, Tokyo Prefecture, Japan.

DISTRIBUTION: Montane regions of central Honshu from Kanto through Chubu to Kinki districts, Japan.

COMMENT: Subgenus *Rana*, in the *Rana japonica* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana sanguinea

COMMENT: Change to read: Subgenus *Sanguirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana sangzhiensis Shen, 1986. Acta Herpetol. Sinica, 5:290.

TYPE(S): Holotype: HNU 82-819.

TYPE LOCALITY: Tianping Mountain, 1350 m, Sangzhi County, Hunan Province, China.

DISTRIBUTION: Type locality in the mountains of northwestern Hunan, China.

COMMENT: Subgenus *Pseudorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana sauriceps

Change to: *Limnonectes sauriceps*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Rana sauteri

COMMENT: Add to end: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana schmackeri

COMMENT: Change first sentence to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana scutigera

COMMENT: Add to end: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana semelvella Menzies, 1987. Aust. J. Zool. 35:395.

TYPE(S): Holotype: UP 2717.

TYPE LOCALITY: "lily pond in Bulolo township, ca. 700 m," Morobe Province, Papua New Guinea.

DISTRIBUTION: Northern New Guinea and adjacent islands.

COMMENT: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana semipalmata

Change to: *Indirana semipalmata*

Authority: Laurent, 1986, Traite Zool.:761.

Rana senchalensis Pillai and Chanda, 1990. J. Bengal Nat. Hist. Soc., N.S., 9:146.

TYPE(S): Holotype: ZSI KZ 982.

TYPE LOCALITY: Senchal Lake, Darjeeling District, West Bengal.

DISTRIBUTION: Known only from the type locality.

COMMENT: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana septentrionalis

COMMENT: Change first sentence to read: Subgenus *Aquarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana shini

Change to: *Paa shini*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana shqiperica Hotz, Uzzell, Günther, Tunner and Heppich, 1987. Not. Nat. Philadelphia, 468:2.

TYPE(S): Holotype: ANSP 30211.

TYPE LOCALITY: Virpazar, Skadarsko Jezero (42°14'N, 19°05'E), Crna Gora, Yugoslavia.

DISTRIBUTION: Lowlands of the Skadarsko Jezero drainage area in southwestern Yugoslavia.

COMMENT: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332. Related to *Rana ridibunda* according to original description.

Rana shuchinae

COMMENT: Add to beginning: Subgenus *Pelophylax*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana siberu Dring, McCarthy, and Whitten, 1990 “1989”. Indo-Malayan Zool., 6:124.

TYPE(S): Holotype: BM 1979.306.

TYPE LOCALITY: Teitei Bulak, Sabeuleleu, Siberut I. (01°21'S, 98°59'E), Malaysia.

DISTRIBUTION: Known only from Siberut I., Mentawai Is., off the west coast of Sumatra.

COMMENT: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana sierramadrensis

COMMENT: Change to read: Subgenus *Sierrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330.

Rana signata

COMMENT: Change first sentence to read: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana sikimensis

Change to: *Chaparana sikimensis*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Rana similis Günther, 1873. Proc. Zool. Sc., London, 1873:171.

TYPE(S): BM

TYPE LOCALITY: Laguna del Bay, Luzon, Philippines.

DISTRIBUTION: Luzon, Mindoro, and Leyte Is., Philippine Is.

COMMENT: Subgenus *Pulchrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Considered to be a subspecies of *Rana signata* by Inger, 1954. Fieldiana: Zool.,

33:322, but listed as a full species without comment by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana spectabilis Hillis and Frost, 1985. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 117:5.

TYPE(S): Holotype: KU 195186.

TYPE LOCALITY: La Estanzuela, Hidalgo, Mexico, 2900 m.

DISTRIBUTION: Elevations of 1200–3200 m in the mountains of southern Mexico from eastern Michoacán to Hidalgo, south to Oaxaca.

COMMENT: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana sphenocephala

COMMENT: Change first sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana spinidactyla

COMMENT: Add to end: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana spinosa

Change to: *Paa spinosa*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana spinulosa

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana springbokensis (Channing, 1986). Ann. Cape Prov. Mus. (Nat. Hist.), 16:128.

ORIGINAL NAME: *Strongylopus springbokensis*.

TYPE(S): Holotype: PEM A963.

TYPE LOCALITY: Springbok, Namaqualand, Cape Province, Rep. South Africa.

DISTRIBUTION: Mountainous areas of Namaqualand, northwestern Cape Province, Rep. South Africa.

COMMENT: Subgenus *Strongylopus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana sternosignata

Change to: *Paa sternosignata*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana subaspera

COMMENT: Change first sentence to read: Subgenus *Babina*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:324.

Rana supragrisea Menzies, 1987. Aust. J. Zool., 35:398.

TYPE(S): Holotype: UP 3586.

TYPE LOCALITY: “tributary of Mai-u R. at foot of Mt. Suckling, c. 80 m,” Central Province, Papua New Guinea.

DISTRIBUTION: New Guinea.

COMMENT: Subgenus *Papurana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326.

Rana swinhoana Boulenger, 1903. Ann. Mag. Nat. Hist., (7) 12:556.

TYPE(S): Holotype: BM.

TYPE LOCALITY: Bangkimsing, Formosa [Taiwan].

DISTRIBUTION: Taiwan.

COMMENT: Subgenus *Eburana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Treated as a subspecies of *Rana narina* by Wang and Chan, 1977, Q. J. Taiwan Mus., 30:329–339, but considered a separate species without comment by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328.

Rana syhadrensis

Change to: *Limnonectes syhadrensis*.

Authority: Dubois, 1987 “1986”, Alytes, 5:61.

Rana sylvatica

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana tagoi

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana japonica* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana taipehensis

DISTRIBUTION: Change last line to read: ... eastern India and eastern Nepal.

Authority: Dubois, 1987 “1986”, Alytes, 5:142.

COMMENT: Change first sentence to read: Subgenus *Hylarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:328. Change last line to read: ... 199–201. *Rana albolineata* Dubois, 1987 (new name for *Rana bilineata* Pillai and Chanda, 1981) is a junior synonym of *Rana taipehensis*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:341.

Rana taiwaniana

COMMENT: Change to read: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana tarahumarae

COMMENT: Change second sentence to read: Subgenus *Zweifelia*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana tasanae

Change to: *Ingerana tasanae*.

Authority: Dubois, 1987 “1986”, Alytes, 5:65, 132.

Rana taylori

COMMENT: Change to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana temporalis

COMMENT: Change first sentence to read: Subgenus *Sylvirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:326. Synonymy includes *Rana intermedius* Rao, 1937, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:341.

Rana temporaria

COMMENT: Change to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana tenggerensis Zhao, Macey, and Papenfuss, 1988. Chinese Herpetol Res., 2:1.

TYPE(S): Holotype: CIB 80001.

TYPE LOCALITY: North shore of the Yellow River (Huang He), at Shapotou Desert Research Station, Shapotou (37°30'N, 104°58'E0, Yinnan Prefecture, Ningxia Hui Autonomous Region, China.

DISTRIBUTION: Yellow River at the edge of the Tengger Desert in northern China.

COMMENT: Not assigned to subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352. Closely related to *Rana nigromaculata* according to original description and therefore in the subgenus *Pelophylax*.

Rana tenuilingua

Change to: *Indirana tenuilingua*.

Authority: Laurent, 1986, Traite Zool.:761.

Rana tiannanensis

DISTRIBUTION: Change to read: Hainan and Yunnan, China.

COMMENT: Change to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana tientaiensis

COMMENT: Add to beginning: Subgenus *Rugosa*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:332.

Rana tigerina

Change to: *Hoplobatrachus tigerinus*

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Soc. Lyon, 61:315.

Rana timorensis

Change to: *Limnonectes timorensis*.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana tlaloci Hillis and Frost, 1985. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 117:10.

TYPE(S): Holotype: KU 194434.

TYPE LOCALITY: Xochimilco, Distrito Federal, Mexico.

DISTRIBUTION: Valley of Mexico, but now known only from Xochimilco.

COMMENT: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana tormota

COMMENT: Change to read: Not assigned to a subgenus by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:305–352.

Rana toumanoffi

Change to: *Limnonectes toumanoffi*.

Authority: Dubois, 1987 “1986”, Alytes, 5:62.

Rana travancorica

Delete: Synonym of *Nyctibatrachus major*.

Authority: Pillai, 1978, Bull. Zool. Surv. India, 1:135–140, and Dubois, 1987 “1986”, Alytes, 5:68.

Rana trilobata Mocquard, 1899. Bull. Soc. Philomath. Paris, (9)1:158.

TYPE(S): Holotype: MNHNP 1897-189.

TYPE LOCALITY: Vicinity of Guadalajara, Jalisco, Mexico.

DISTRIBUTION: Jalisco east to Guanajuato and north into San Luis Potosí, Mexico.

COMMENT: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331. Resurrected from the synonymy of *Rana pustulosa* by Webb, 1991, Herpetologica, 47:13–21, who placed *Rana megapoda* Taylor, 1942, as a junior synonym.

Rana tsushimensis

COMMENT: Change first sentence to read: Subgenus *Rana*, in the *Rana temporaria* group according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana tuberculata Tilak and Roy, 1985. Zool. Anz., 215:231.

TYPE(S): Holotype: NRS/A-1.

TYPE LOCALITY: Chakrata Hills, 2000 m, Dehra Dun District, Uttar Pradesh, India.

DISTRIBUTION: Known only from the type locality.

COMMENT: Subgenus *Paa* according to original description.

Rana tweediei

Change to: *Limnonectes tweediei*.

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana unculuana

Change to: *Chaparana unculuanus*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:318.

Rana vaillanti Brocchi, 1877. Bull. Soc. Philomath. Paris, 7:175.

TYPE(S): Holotype: MNHNP 6328.

TYPE LOCALITY: “Belize, (Honduras)” [=Belize, Belize].

DISTRIBUTION: Veracruz and Oaxaca (Mexico) to Pacific lowlands of Colombia and Ecuador.

COMMENT: Subgenus *Lithobates*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330. Resurrected from the synonymy of *Rana palmipes* by Hillis and de Sá, 1988, Herpetol. Monogr, 44:13–14.

Rana varians

DISTRIBUTION: Change to read: Philippines.

COMMENT: Change first sentence to read: Subgenus *Sanguirana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329. Add to end: See comment under *Rana nigrotympanica*.

Rana verruculosa

Change to *Limnonectes verruculosus*.

Authority: Dubois, 1987 “1986”, Alytes, 5:60, and Menzies, 1987, Aust. J. Zool., 35:373–418.

Rana versabilis

COMMENT: Change to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana vertebralis

DISTRIBUTION: Change to read: Lesotho highlands and Drakensberg Mountains of southern Natal and northeastern Cape Province, Rep. South Africa.

Authority: Branch, 1990, J. Herp. Assoc. S. Afr., 37:22–23.

COMMENT: Change to read: Subgenus *Amietia*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322. Discussed by Poynton, 1964, Ann. Natal Mus., 17:109, who included *Rana umbraculata* in the synonymy; *Rana (Amietia) umbraculata* listed without comment as

a separate species by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:322. Also see Channing, 1979, Ann. Natal Mus., 23:797–831, and Lambiris, 1988, Lammergeyer, 39:95.

Rana vibicaria

DISTRIBUTION: Change 1200 to 1500.

COMMENT: Change to read: Subgenus *Trypheroopsis*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330. Reviewed by Hillis and de Sá, 1988, Herpetol. Monogr., 2:14–15.

Rana vicina

Change to: *Paa vicina*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:319–320.

Rana virgatipes

COMMENT: Change first sentence to read: Subgenus *Aquarana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana wageri Wager, 1961.

Changed from: *Strongylopus wageri*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

ORIGINAL NAME: Delete.

COMMENT: Insert at beginning: Subgenus *Strongylopus*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana warszewitschii

TYPE(S): Change to read: Holotype: KM 1006/1338.

COMMENT: Change to read: Subgenus *Trypheroopsis*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:330. Reviewed by Hillis and de Sá, 1988, Herpetol. Monogr., 2:15–16. The unjustified emendation *warszewitschii* has been used by some authors in recent years.

Rana weiningensis

COMMENT: Change to read: Subgenus *Pseudorana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:333.

Rana wittei

COMMENT: Add to beginning: Subgenus *Afrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Rana woodworthi

Change to: *Limnonectes woodworthi*

Authority: Dubois, 1987 “1986”, Alytes, 5:63.

Rana wuchuanensis

COMMENT: Change to read: Subgenus *Odorrana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:329.

Rana yavapaiensis

COMMENT: Change fourth sentence to read: Subgenus *Pantherana*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Rana zweifeli

COMMENT: Change first sentence to read: Subgenus *Zweifelia*, according to Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:331.

Strongylopus

Delete. Subgenus of *Rana*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Strongylopus bonaspei

Change to *Rana bonaspei*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Strongylopus fasciatus

ORIGINAL NAME: Delete.

Change to: *Rana fasciata*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Strongylopus grayii

Change to: *Rana grayii*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Strongylopus hymenopus

Change to: *Rana hymenopus*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Strongylopus wageri

Change to *Rana wageri*.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334.

Tomopterna

Transferred from Raninae to Tomopterninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:336.

SUBFAMILY: Ranixalinae Dubois, 1987 “1986”.

CITATION: Alytes, 5:66.

DISTRIBUTION: India, Sri Lanka, and Malay Peninsula.

COMMENT: Defined as the tribe Ranixalini by Dubois, 1987 “1986”, Alytes, 5:66, and elevated to subfamilial rank by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:334–335.

Indirana Laurent, 1986. Traite Zool.:761.

TYPE SPECIES: *Polypedates beddomii* Günther, 1875, Proc. Zool. Soc. London, 1875:571, by original designation.

DISTRIBUTION: Central and southern India; Malay Peninsula.

COMMENT: The species placed in *Indirana* by Laurent, 1986, Traite Zool.:761, were included in *Discodeles* (as a subgenus of *Rana*) by Boulenger, 1920, Rec. Indian Mus., 20:1–116.

Ranixalus Dubois, 1986 “1985”, Alytes, 4:114 (type species: *Ranixalus gundia* Dubois, 1986 “1985”, by original designation) is a junior synonym.

Indirana beddomii (Günther, 1876).

Changed from: *Rana beddomii*.

TYPE(S): Change to read: Syntypes: BM.

COMMENT: Change to read: Some of the syntypes are *Indirana brachytarsus* according to Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:423.

Authority: Laurent, 1986, Traite Zool.:761.

Indirana brachytarsus (Günther, 1876)

TYPE(S): Change to read: Syntypes: BM 1947.2.27.1303–1307 (BM 1947.2.22.1307 designated

as lectotype by Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:424).
TYPE LOCALITY: Change to read: Anamallais and Sivagiris [India]; restricted to Anamallais by Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:424.
COMMENT: Recognized as distinct from *Rana beddomii* by Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc., 81:423. Tentatively placed in *Indirana* by Dubois, 1987 “1986”, Alytes, 5:175.

Indirana diplosticta (Günther, 1875).

Changed from: *Rana diplosticta*.

COMMENT: Delete.

Authority: Laurent, 1986, Traite Zool.:761.

Indirana gundia (Dubois, 1986 “1985”). Alytes, 4:114.

ORIGINAL NAME: *Ranixalus gundia*.

TYPE(S): Holotype: MNHNP 1985.633.

TYPE LOCALITY: Gundia, Kemphole Forest, west of Sakleshpur, Karnataka, India.

DISTRIBUTION: Known only from the type locality in southern India.

Indirana leithii (Boulenger, 1888).

Changed from: *Rana leithii*.

ORIGINAL NAME: *Rana leithii*.

COMMENT: Delete: “See comment under *Discodeles*.”

Authority: Laurent, 1986, Traite. Zool.:761.

Indirana leptodactyla (Boulenger, 1882).

Changed from: *Rana leptodactyla*.

ORIGINAL NAME: *Rana leptodactyla*

COMMENT: Delete.

Authority: Laurent, 1986, Traite Zool.:761.

Indirana phrynoderma (Boulenger, 1882).

Changed from: *Rana phrynoderma*.

ORIGINAL NAME: *Rana phrynoderma*.

COMMENT: Delete.

Authority: Laurent, 1986, Traite Zool.:761.

Indirana semipalmata (Boulenger, 1882).

Changed from: *Rana semipalmata*.

ORIGINAL NAME: *Rana semipalmata*.

COMMENT: Delete.

Authority: Laurent, 1986, Traite Zool.:761.

Indirana tenuilingua (Rao, 1937).

Changed from: *Rana tenuilingua*.

ORIGINAL NAME: *Rana tenuilingua*.

Authority: Laurent, 1986, Traite Zool.:761.

Nannophrys

Transferred from Raninae to Ranixalinae

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:335.

Nyctibatrachus

Transferred from Raninae to Ranixalinae

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:335.

COMMENT: Species formerly recognized in *Nannoatrachus* Boulenger, 1882, were transferred to *Nyctibatrachus* by Dubois, 1987 "1986", Alytes, 5:68.

Nyctibatrachus aliciae Inger, Shaffer, Koshy and Bakde, 1984. J. Bombay Nat. Hist. Soc., 81:414.

TYPE(S): Holotype: NMNHI RFI 31300.

TYPE LOCALITY: Ponnundi, 359 m. elevation, Trivandrum District, Kerala, India.

DISTRIBUTION: Type locality in southern India.

Nyctibatrachus beddomii (Boulenger, 1882).

ORIGINAL NAME: *Nannobatrachus beddomii*.

Changed from: *Nannobatrachus beddomii*.

COMMENT: Synonym includes *Nannobatrachus anamallaiensis* Myers, 1942, according to Inger, Shaffer, Koshy, and Bakde, 1984, J. Bombay Nat. Hist. Soc. 81:412.

Authority: Dubois, 1987 "1986", Alytes, 5:68.

Nyctibatrachus deccanensis Dubois, 1984. Alytes, 3:161.

TYPE(S): BM.

TYPE LOCALITY: Anamallai Hills, South India.

DISTRIBUTION: Anamallai Hills, South India.

COMMENTS: *Nyctibatrachus deccanensis* is a replacement name for *Rana pygmaea* Günther, 1875, Proc. Zool. Soc. London, 1875:568, which is preoccupied by *Rana pygmaea* Spix, 1824, Spec. Nov. Testud. Ran. Brasil.:30, a junior synonym of *Leptodactylus ocellatus* according to Hoogmoed and Gruber, 1983, Spixiana, Supple., 9:355.

Nyctibatrachus kempholeyensis (Rao, 1937).

ORIGINAL NAME: *Nannobatrachus kempholeyensis*.

Changed from: *Nannobatrachus kempholeyensis*.

Authority: Dubois, 1987 "1986", Alytes, 5:68.

Nyctibatrachus major

COMMENT: Synonymy includes *Rana travancorica* Annandale, 1910, according to Pillai, 1978, Bull. Zool. Surv. India, 1:135–140, and Dubois, 1987 "1986", Alytes, 5:68.

Nyctibatrachus minor Inger, Shaffer, Koshy and Bakde, 1984. J. Bombay Nat. Hist. Soc., 81: 418.

TYPE(S): Holotype: NMNHI RFI 31175.

TYPE LOCALITY: Ponnundi, 350 m elevation, Trivandrum District, Kerala, India.

DISTRIBUTION: Type locality in southern India.

Nyctibatrachus modestus Rao, 1920. J. Bombay Nat. Hist. Soc., 27:125.

ORIGINAL NAME: *Nyctibatrachus sanctipalustris* var. *modestus*.

TYPE(S): ZSI.

TYPE LOCALITY: Jog, Shimoga, Mysore State, India.

DISTRIBUTION: Vicinity of the type locality.

COMMENT: Recognized as a distinct species by Dubois, 1987 "1986", Alytes, 5:68.

Nyctibatrachus pygmaeus

Delete. Preoccupied; *Nyctibatrachus deccanensis* Dubois, 1984 is the replacement name (see *Nyctibatrachus deccaensis*).

Authority: Dubois, 1984, Alytes, 3:160–161.

SUBFAMILY: Tomopterninae Dubois, 1987 "1986".

CITATION: Alytes, 5:56.

DISTRIBUTION: India, Madagascar, and subsaharan Africa..

COMMENT: Defined as the tribe Tomopternini by Dubois, 1987 “1986”, Alytes, 5:56, and elevated to subfamilial rank by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:336.

Tomopterna

Transferred to Tomopterninae from Raninae.

Authority: Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:336.

COMMENT: Add to end: Dubois, 1987 “1986”, Alytes, 5:56–57, recognized two subgenera—*Sphaeroteca* Günther, 1859 “1858” (type species: *Sphaeroteca strigata* Günther, 1859 “1858”, by monotypy) and *Tomopterna* Duméril and Bibron, 1841 (type species *Pyxicephalus delalandii* Tschudi, 1838 [= *Rana breviceps* Schneider, 1799], by subsequent designation of Boulenger, 1918).

Tomopterna breviceps

COMMENT: Change first sentence to read Subgenus *Sphaeroteca*. Delete second sentence.

Authority: Dubois, 1987 “1986”, Alytes, 5:57.

Tomopterna cryptotis

DISTRIBUTION: Change to read: Xeric regions in subsaharan Africa, except southernmost areas.

COMMENT: Add to beginning: Subgenus *Tomopterna*.

Authority: Dubois, 1987 “1986”, Alytes, 5:56.

Tomopterna delalandii

COMMENT: Subgenus *Tomopterna*.

Authority: Dubois, 1987 “1986”, Alytes, 5:56.

Tomopterna dobsonii (Boulenger, 1882). Cat. Batr. Sal. Brit. Mus.:32.

ORIGINAL NAME: *Rana dobsonii*.

TYPE(S): Holotype: BM 1947.2.28.45.

TYPE LOCALITY: “Mangalore, west coast of India.”

DISTRIBUTION: Southern India.

COMMENT: Subgenus *Sphaeroteca*. Resurrected from the synonymy of *Tomopterna breviceps* by Dutta, 1986, Rec. Zool. Surv. India, 83:123-127.

Tomopterna krugerensis

COMMENT: Add to beginning: Subgenus *Tomopterna*. Change last line to read: ... species; see Poynton and Broadley, 1985, Ann. Natal Mus., 27:127–129, for discussion.

Authority: Dubois, 1987 “1986”, Alytes, 5:56.

Tomopterna labrosa

DISTRIBUTION: Change to read: Central and western Madagascar.

COMMENT: Change to read: Subgenus *Sphaeroteca*. Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:127–129.

Authority: Dubois, 1987 “1986”, Alytes, 5:57.

Tomopterna leucorhynchus

COMMENT: Change to read: Subgenus *Sphaeroteca*.

Authority: Dubois, 1987 “1986”, Alytes, 5:57.

Tomopterna marmorata

COMMENT: Add to beginning: Subgenus *Tomopterna*. Change last line to read: ... species; see Poynton and Broadley, 1985, Ann. Natal. Mus., 27:129–130, for discussion.

Authority: Dubois, 1987 “1986”, Alytes, 5:57.

Tomopterna natalensis

COMMENT: Subgenus *Tomopterna*.

Authority: Dubois, 1987 "1986", Alytes, 5:57.

Tomopterna parambikulamana

Change to: *Limnonectes parambikulamana*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Tomopterna rolandae Dubois, 1983, Alytes, 2:166.

ORIGINAL NAME: *Tomopterna breviceps rolandae*.

TYPE(S): Holotype: BM 1973.3024.

TYPE LOCALITY: Kurunegala, Sri Lanka.

DISTRIBUTION: Sri Lanka.

COMMENT: Subgenus *Sphaeroteca*. Elevated to species status by Dubois, 1987 "1986", Alytes, 5:57.

Tomopterna rufescens (Jerdon, 1853).

Change to: *Limnonectes rufescens*.

Authority: Dubois, 1987 "1986", Alytes, 5:61.

Tomopterna strachani

COMMENT: Change first sentence to read: Subgenus *Sphaeroteca*.

Authority: Dubois, 1987 "1986", Alytes, 5:57.

Tomopterna swani

COMMENT: Add at beginning: Subgenus *Sphaeroteca*.

Authority: Dubois, 1987 "1986", Alytes, 5:57.

Tomopterna tuberculosa

COMMENT: Add at beginning: Subgenus *Tomopterna*.

Authority: Dubois, 1987 "1986", Alytes, 5:57.

FAMILY: Rhacophoridae Hoffman, 1932 (1859).

COMMENT: Beginning with line 8 change to read: Biol. Anurans:133–182, considered this group to be a subfamily of the Ranidae, an arrangement followed by Laurent, 1986, *Traite Zool*:765–768, and Dubois, 1992, *Bull. Mens. Soc. Linn. Lyon*, 61:305–352. Dubois, 1981, *Monit. Zool. Ital., N.S., Suppl.*, 15:225–284, placed *Philautus* in its own subfamily, the Philautinae. Channing, 1989, *S. Afr. J. Zool.*, 24:116–131, reanalyzed Liem's data and proposed a new classification of the Rhacophoridae. With the exception of the recognition of the Mantellidae as a family, the subfamilial classification of Channing is employed here. See comment under Rhacophorinae.

SUBFAMILY: Buergeriinae Channing, 1989.

CITATION: Channing, 1989, *S. Afr. J. Zool.*, 24:127.

DISTRIBUTION: Taiwan (China); Ryukyu Is. to Honshu I. (Japan).

COMMENT: Includes only the genus *Buergeria*, considered by Channing to be the sister group of other Rhacophoridae.

Buergeria

COMMENT: Change to read: See Kuramoto, 1984, *Bull. Fukuoka Univ. Educ., Nat. Sci.*, 30:61–64, for relationships of species.

SUBFAMILY: Philautinae

Delete. Place *Philautus* in the Rhacophorinae.

Authority: Channing, 1989, *S. Afr. J. Zool.*, 24:116–131.

SUBFAMILY: Rhacophorinae Hoffman, 1932 (1859).

COMMENT: Change to read: The first use of the group name Rhacophorinae was by Laurent, 1943, Bull. Mus. R. Hist. Nat. Belg., 19:16. Channing, 1989, S. Afr. J. Zool., 24:116–131, provided evidence for the monophyly of the subfamily, which includes the Philautinae of Dubois, 1981, Monit. Zool. Ital., N.S., Suppl., 15:225–284.

Aglyptodactylus

COMMENT: Add to end: Reviewed by Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:342–346.

Aglyptodactylus madagascariensis

DISTRIBUTION: Change to read: Forests of northern and eastern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:343–346.

Boophis

COMMENT: Add to end: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:275–342, reviewed the genus and provided synonymies.

Boophis boehmei Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:273

TYPE(S): Holotype: ZFMK 53642.

TYPE LOCALITY: Andasibe, Madagascar.

DISTRIBUTION: Eastern Madagascar.

COMMENT: In the *Boophis goudotii* group according to original description.

Boophis brachychir Boettger, 1882. Zool. Anz., 6:480.

TYPE(S): Not traced.

TYPE LOCALITY: Nosy Be I., Madagascar.

DISTRIBUTION: Northern Madagascar.

COMMENT: In the *Boophis goudotii* group. Resurrected from the synonymy of *Boophis madagascariensis* by Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:81.

Boophis brygooi

Delete. Synonym of *Boophis laurenti*.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:323.

Boophis callichromus

Delete. Synonym of *Boophis goudotii*.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

Boophis difficilis

DISTRIBUTION: Change to read: Eastern Madagascar.

COMMENT: Change to read: In the *Boophis difficilis* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:297–298.

Boophis erythrodactylus

DISTRIBUTION: Change to read: Forests of Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:311–314.

Boophis goudotii

DISTRIBUTION: Change to read: Central and eastern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:281–286.

COMMENT: Change last line to read: ... 49:285, and *Rhacophorus callichromus* Ahl, 1928, *Rhacophorus hyloides* Ahl, 1929, and *Rhacophorus untersteini* Ahl, 1928, according to Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

Boophis granulosus

DISTRIBUTION: Change to read: Vicinity of type locality in central Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:328–330.

Boophis hyloides

Delete. Synonym of *Boophis goudotii*.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

Boophis jaegeri Glaw and Vences, 1992. Bonn. Zool. Beitr., 43:48.

TYPE(S): Holotype: ZFMK 52569.

TYPE LOCALITY: Andoany (= Hellville), Nosy Be I., Madagascar.

DISTRIBUTION: Nosy Be I., northern Madagascar.

COMMENT: In the *Boophis luteus* group according to original description.

Boophis laurenti

COMMENT: Change to read: In the *Boophis microtypanum* group. Synonymy includes

Rhacophorus andringitraensis Millot and Guibé, 1950, according to Guibé, 1978, Bonn.

Zool. Monogr. 11:76, and *Rhacophorus brygooi* Guibé, 1974, according to Blommers-

Schlösser and Blanc, 1991, Faune de Madagascar:323.

Boophis leucomaculatus

Change to: *Mantidactylus leucomaculatus*.

Authority: Glaw and Vences, 1992, Bonn. Zool. Beitr., 43:63.

Boophis luteus

DISTRIBUTION: Change to read: Eastern and central Madagascar.

COMMENT: Add to end: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:342, considered *Rhacophorus anceps* Mocquard, 1902, to be a doubtful species, probably a junior synonym of *Boophis luteus*.

Boophis madagascariensis

DISTRIBUTION: Change to read: Forests of northeastern and central Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:291–294.

COMMENT: Change last line to read: ... 11:73, but Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:81, recognized *Rhacophorus brachychir* as a valid species of *Boophis*.

Boophis major

DISTRIBUTION: Change to read: Central Madagascar.

COMMENT: Change first sentence to read: In the *Boophis difficilis* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:298–301.

Boophis mandraka

DISTRIBUTION: Change to read: Central and southern Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:314–316.

Boophis microtis

DISTRIBUTION: Change to read: Southern Madagascar.

COMMENT: In the *Boophis tephraeomystax* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:338–339, who considered *Rhacophorus boulengeri* Peracca, 1892, to be a doubtful species, possibly a junior synonym of *Boophis microtis*.

Boophis microtypanum

DISTRIBUTION: Change to read: Mountains in the southern half of Madagascar.

COMMENT: Change first sentence to read: In the *Boophis microtypanum* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:316–320.

Boophis miniatus

COMMENT: Change to read: In the *Boophis difficilis* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:301–302.

Boophis opisthodon

COMMENT: Change to read: In the *Boophis tephraeomystax* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:335–336.

Boophis rappiodes

DISTRIBUTION: Change to read: Central Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:308–310.

Boophis reticulatus

DISTRIBUTION: Change to read: Vicinity of type locality in central Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:294–295.

Boophis rhodoscelis

COMMENT: Change first sentence to read: In the *Boophis goudotii* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:295–297.

Boophis untersteini

Delete. Synonym of *Boophis goudotii*.

Authority: Glaw and Vences, 1992, Fieldguide Amph. Rept. Madagascar:271.

Boophis viridis

DISTRIBUTION: Change to read: Vicinity of type locality in central Madagascar.

Authority: Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:310–311.

Boophis williamsi

DISTRIBUTION: Change to read: Mountains of central Madagascar.

COMMENT: Change to read: In the *Boophis microtypanum* group according to Blommers-Schlösser and Blanc, 1991, Faune de Madagascar:320–322.

Chirixalus idiootocus Kuramoto and Wang, 1987. Copeia, 1987:932.

TYPE(S): Holotype: NTUMA 1010.

TYPE LOCALITY: Near Sanshengkong (temple), south slope of Mt. Mientien–Shan, 500 m, Taipei, Taiwan.

DISTRIBUTION: Low elevations (10–750 m) in Taiwan.

Chiromantis

Change to read: *Chiromantis* Peters, 1854. Monatsber. Preuss. Akad. Wiss. Berlin, 1854:626.

TYPE SPECIES: Change to read: *Chiromantis xerampelina* Peters, 1854, by monotypy.

Authority: Dubois, 1987 “1986”, Alytes, 5:129.

Chiromantis rufescens

Change to read: *Chiromantis rufescens* (Günther, 1869 “1868”).

Authority: Dubois, 1987 “1986”, Alytes, 5:132.

DISTRIBUTION: Change to read: Rainforests from Sierra Leone southward to western Zaire and eastward to Uganda.

Nyctixalus margaritifer

TYPE(S): Change to read: Neotype: BM 1885.12.31.35, designated by Dubois, 1981, *Monit. Zool. Ital.*, N.S. Supple., 15:257.

Philautus

COMMENT: Change to read: *Philautus* is a replacement name for *Orchestes* Tschudi, 1838, which is preoccupied by *Orchestes* Illiger, 1798 (Crustacea); see Dubois, 1987, *Alytes*, 6:45. Ahl, 1931, *Das Tierreich*, 55, treated *Philautus* as a subgenus of *Rhacophorus* and thus created many secondary homonyms, for which Ahl provided his own substitute names. However, Art. 59.b of the International Code of Zoological Nomenclature (1985) requires retention of Ahl's names. Dubois, 1987 "1986" *Alytes*, 5:71–73 recognized three subgenera—*Gorhixalus* Dubois, 1987 "1986" (type species: *Rhacophorus hosii* Boulenger, 1895, by original designation), *Kirtixalus* Dubois, 1987 "1986" (type species: *Polypedates microtympaum* Günther, 1859 "1858", by original designation), and *Philautus* Gistel, 1848 (type species *Hyla aurifasciatus* Schlegel, 1837, by monotypy); the subgenus *Kirtixalus* contains species formerly recognized in *Rhacophorus*. Several species of *Philautus* were not assigned to subgenera.

Philautus acutirostris

COMMENT: Subgenus *Philautus* according to Dubois, 1987 "1986", *Alytes*, 5:72.

Philautus acutus Dring, 1987. *Amphibia-Reptilia*, 8:24.

TYPE(S): Holotype: BM 1978.1765.

TYPE LOCALITY: Camp three, 1300 m, Gunung Mulu, Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Vicinity of type locality in northern Borneo.

COMMENT: In the *Philautus vermiculatus* group according to original description.

Philautus annandalii

DISTRIBUTION: Change to read: ... region of India and Nepal.

Authority: Dubois, 1987 "1986" *Alytes*, 5:142.

Philautus aurantium Inger, 1989. *Malay. Nat. J.*, 42:239.

TYPE(S): Holotype: FMNH 233224.

TYPE LOCALITY: Mendolong, Sipitang District, Sabah, Borneo.

DISTRIBUTION: Type locality in southwestern Sabah, Borneo.

Philautus aurifasciatus

DISTRIBUTION: Change to read: Java.

COMMENT: Change to read: Subgenus *Philautus* according to Dubois, 1987 "1986", *Alytes*, 5:72. Dring, 1987, *Amphibia-Reptilia*, 8:19–47 removed several nominal taxa from the synonymy and recognized only the Javan populations as belonging to *Philautus aurifasciatus*.

Philautus beddomii

Change to read: *Philautus beddomii* (Günther, 1876 "1875").

Authority: Dubois, 1987 "1986", *Alytes*, 5:132.

Philautus bimaculatus

Change to: *Rhacophorus bimaculatus* (Peters, 1867).

COMMENT: Add to beginning: Subgenus *Leptomantis*.

Authority: Dubois, 1987 "1986", *Alytes*, 5:75.

Philautus chalazodes

Change to read: *Philautus chalazodes* (Günther, 1876 "1875").

Philautus cruri Dutta, 1985. J. Bombay Nat. Hist. Soc., 82:219

TYPE(S): Holotype: CCB; now lost (SD).

TYPE LOCALITY: Kempholey, Karnataka, India.

DISTRIBUTION: Southwestern India.

COMMENT: Replacement name for *Philautus longicrus* Rao, 1937, Proc. Indian Acad. Sci., (B)6:414, preoccupied by *Ixalus* (= *Philautus*) *longicrus* Boulenger, 1894.

Philautus disgregus Inger, 1989. Malay. Nat. J., 42:235.

TYPE(S): Holotype: FMNH 231140.

TYPE LOCALITY: Danum Valley Field Centre, Lahad Datu District, Sabah, Borneo.

DISTRIBUTION: Sabah and Sarawak in northern Borneo.

Philautus dubius (Boulenger, 1882). Cat. Batr. Sal. Brit. Mus.:81.

ORIGINAL NAME: *Rhacophorus dubius*.

TYPE(S): Holotype: BM 1947.2.7.86.

TYPE LOCALITY: Darjeeling [West Bengal, India].

DISTRIBUTION: Vicinity of type locality in northeastern India.

COMMENT: Subgenus *Kirtixalus*; formerly considered to be a synonym of *Philautus jerdonii* but recognized as a separate species by Dubois, 1987 "1986", Alytes, 5:73.

Philautus emembranatus

COMMENT: Subgenus *Philautus* according to Dubois, 1987 "1986", Alytes, 5:72.

Philautus hassanensis Dutta, 1985. J. Bombay Nat. Hist. Soc., 82:220.

TYPE(S): Holotype: CCB; now lost (SD).

TYPE LOCALITY: Kempholey, Karnataka, India.

DISTRIBUTION: Southwestern India.

COMMENT: Replacement name for *Philautus montanus* Rao, 1937, Proc. Indian Acad. Sci., (B)6:415, preoccupied by *Philautus montanus* Taylor, 1920, Philippine J. Sci., 16:305.

Philautus hosii

COMMENT: Subgenus *Gorhixalus* according to Dubois, 1987 "1986", Alytes, 5:72.

Philautus ingeri Dring, 1987. Amphibia-Reptilia, 8:21.

TYPE(S): Holotype: BM 1978.1820.

TYPE LOCALITY: Camp three, 1800 m, Gunung Mulu, Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Elevations of 1300–1400 m on Mulu and Kinabalu mountains in northern Borneo.

COMMENT: In the *Philautus hosii* group according to original description.

Philautus jerdonii (Günther, 1875)

Changed from: *Rhacophorus jerdonii*

TYPE(S): Change to read: Syntypes: BM 1947.2.7.84 designated as lectotype by Dubois, 1987 "1986", Alytes, 5:73.

COMMENT: Subgenus *Kirtixalus* according to Dubois, 1987 "1986", Alytes, 5:73.

Authority: Dubois, 1987 "1986", Alytes, 5:73.

Philautus kerangae Dring, 1987. Amphibia-Reptilia, 8:28.

TYPE(S): Holotype: BM 1978.1771.

TYPE LOCALITY: Kerangas camp, 200 m, Gunung Mulu, Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Forests at elevations to 1200 m in northern Borneo.

COMMENT: In the *Philautus vermiculatus* group according to original description.

Philautus leucorhinus

COMMENT: Add to beginning: Subgenus *Philautus* according to Dubois, 1987 "1986", Alytes, 5:72.

Philautus lissobrachius

COMMENT: Subgenus *Philautus* according to Dubois, 1987 "1986", Alytes, 5:72.

Philautus longchuanensis

COMMENT: Add to end: Not assigned to a subgenus by Dubois, 1987 "1986", Alytes 5:71–73.

"Philautus longicrus" Rao

Delete. Preoccupied; replacement name is *Philautus cruri*.

Authority: Dutta, 1985, J. Bombay Nat. Hist. Soc., 82:219.

Philautus medogensis Hu and Ye, 1984. Acta Herpetol. Sinica, 3(4):67.

TYPE(S): Holotype: CIB 73II0051.

TYPE LOCALITY: Medog County, Xizang Autonomous Region, China.

DISTRIBUTION: Type locality, 1500 m, in mountains of Xizang, China.

COMMENT: Related to *Philautus jinxiuensis* according to original description.

Philautus menglaensis Kou, 1990. From Water onto the Land:210.

TYPE(S): Holotype: YU A845090.

TYPE LOCALITY: Zhushihe, 900 m, Mengla County, Yunnan, China.

DISTRIBUTION: Type locality in southwestern China.

COMMENT: Related to *Philautus longchuanensis* according to original description.

Philautus microtypanum (Günther, 1859 "1858").

Changed from: *Rhacophorus microtypanum*.

COMMENT: Change to read: Subgenus *Kirtixalus* according to Dubois, 1987 "1986", Alytes, 5:73.

Includes *Ixalus sarasinorum* Müller, 1887, in synonymy according to Dubois, 1987 "1986", Alytes 5:52. Reviewed by Kirtisinghe, 1957, Amph. Ceylon:63–68 (as *Rhacophorus microtypanum*).

Authority: Dubois, 1987 "1986", Alytes, 5:73.

Philautus mjobergi Smith, 1925. Sarawak Mus. J., 3:21.

TYPE(S): Holotype: BM 1825.9.1.1.

TYPE LOCALITY: Mount Murud, 2130 m, Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Forested mountains from 900 to 3050 m in northern Borneo.

COMMENT: In the *Philautus aurifasciatus* group; recognized as distinct from *Philautus aurifasciatus* by Dring, 1987, Amphibia-Reptilia, 8:38–41.

"Philautus montanus" Rao

Delete. Preoccupied; replacement name is *Philautus hassanensis*.

Authority: Dutta, 1985, J. Bombay Nat. Hist. Soc., 82:220.

Philautus namdaphaensis Sarkar and Sanyal, 1985. Rec. Zool. Surv. India, 81:287.

TYPE(S): Holotype: ZSI A7177.

TYPE LOCALITY: "Farmbase Camp (alt. 350 m) Tirap district," Arunachal Pradesh, India.

DISTRIBUTION: Known only from the type locality

Philautus nasutus

Change to read: *Philautus nasutus* (Günther, 1869 "1868").

COMMENT: Add to beginning: Subgenus *Philautus* according to Dubois, 1987 "1986", Alytes, 5:72.

Authority: Dubois, 1987 "1986", Alytes, 5:132.

Philautus parvulus

COMMENT: Add to beginning: Subgenus *Philautus* according to Dubois, 1987 “1986”, Alytes, 5:72.

Philautus petersi (Boulenger, 1900). Proc. Zool. Soc. London, 1900:185.

ORIGINAL NAME: *Ixalus petersi*.

TYPE(S): Syntypes: BM 1892.6.3.16 (Mount Dulit), BM 1895.5.1.41–42 (Great Natuna), BM 1899.12.8.10 and 1909.8.18.5 (Mount Penrissen), and BM 1947.2.27.19 (Kinabalu).

TYPE LOCALITY: Great Natuna Island and mounts Dulit, Kinabalu, and Penrissen, Borneo.

DISTRIBUTION: Malaya and Borneo.

COMMENT: In the *Philautus aurifasciatus* group; recognized as distinct from *Philautus aurifasciatus* by Dring, 1987, Amphibia-Reptilia, 8:41, who suggested that the syntypes from Great Natuna may represent another species.

Philautus pleurostictus (Günther, 1864).

Changed from: *Rhacophorus pleurostictus*.

COMMENT: Subgenus *Kirtixalus* according to Dubois, 1987 “1986”, Alytes, 5:73.

Authority: Dubois, 1987 “1986”, Alytes, 5:73.

Philautus schmackeri

COMMENT: Subgenus *Philautus* according to Dubois, 1987 “1986”, Alytes, 5:72.

Philautus shyamrupus Chanda and Ghosh, 1989. J. Bombay Nat. Hist. Soc., 86:215.

TYPE(S): Holotype: ZSI (KZ 313).

TYPE LOCALITY: Hornbill, Namdapha Tiger Reserve, Arunachal Pradesh, India.

DISTRIBUTION: Type locality in northeastern India.

Philautus surdus

COMMENT: Subgenus *Philautus* according to Dubois, 1987 “1986”, Alytes, 5:72.

Philautus tectus Dring, 1987. Amphibia-Reptilia, 8:30.

TYPE(S): Holotype: BM 1978.1825.

TYPE LOCALITY: Camp five, 150 m, Gunung Mulu, Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Forests at elevations up to 500 m in northern Borneo.

COMMENT: In the *Philautus tectus* group according to the original description.

Philautus umbra Dring, 1987. Amphibia-Reptilia, 8:43.

TYPE(S): Holotype: BM 1978.1806.

TYPE LOCALITY: Pinnacle camp, 1200 m, Gunung Api, Gunung Mulu, Fourth Division, Sarawak, Borneo.

DISTRIBUTION: Known only from elevations of 900–1200 m on Gunung Api in northern Borneo.

COMMENT: In the *Philautus aurifasciatus* group according to the original description.

Polypedates

COMMENT: Dubois, 1987 “1986”, Alytes, 5:74–85, placed *Polypedates* as a synonym of *Rhacophorus*, but Channing’s, 1989, S. Afr. J. Zool., 24:116–127, reanalysis of Liem’s 1970, Fieldiana: Zool., 57:1–145, data showed that *Polypedates* and *Rhacophorus* were not sister groups. See comment under *Rhacophorus longinasus*.

Polypedates leucomystax

COMMENT: Change line 9 to read: ... *leucomystax*). The population on Taiwan was considered to be specifically distinct on acoustic and karyotypic characters and was recognized as *Polypedates megacephalus* by Matsui, Seto and Utsunomiya, 1986, J. Herpetol., 20:483–490.

It is one of three taxa recognized as subspecies of *Rhacophorus leucomystax* by Dubois, 1987 “1986”, Alytes, 5:79–82. The...

Rhacophorus

COMMENT: Add at beginning: Liem, 1970, Fieldiana: Zool., 57:1–145, recognized *Polypedates* and *Rhacophorus*; Dubois, 1987 “1986”, Alytes, 5:74–85, reinterpreted Liem’s data on adults and utilized Inger’s, 1985, Fieldiana: Zool. (n.s.), 26:1–89, data on tadpoles to recognize only one genus, *Rhacophorus*, in which he recognized two subgenera—*Leptomantis* Peters, 1867 (type species: *Leptomantis bimaculata* Peters, 1867, by monotypy) and *Rhacophorus* Kuhl and van Hasselt, 1822 (type species: *Rhacophorus moschatus* Kuhl and van Hasselt, 1822, by monotypy). Jiang, Hu, and Zhao, 1987, Acta. Herpetol. Sinica, 6:27–42, recognized *Polypedates* and *Rhacophorus* in China, and Channing, 1989, S. Afr. J. Zool., 24:116–131, showed the two genera to be separate lineages.

Rhacophorus angulirostris

COMMENT: Add to end: Placed in subgenus *Leptomantis* by Dubois, 1992, Bull. Mens. Soc. Linn. Lyon, 61:336..

Rhacophorus annamensis

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*pardalis* group).
Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus appendiculatus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*appendiculatus* group).
Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus arboreus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).
Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus baluensis

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus bismaculatus (Peters, 2867).

Changed from: *Philautus bimaculatus*.
COMMENT: Subgenus *Leptomantis*.
Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus bipunctatus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*reinwardtii* group).
Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus bisacculus

COMMENT: Change to read: Subgenus *Rhacophorus* (*appendiculatus* group).
Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus calcadensis

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*malabaricus* group). Change last line to read: ... Günther, 1876 “1875.”.
Authority: Dubois, 1987 “1986”, Alytes, 5:77, 132.

Rhacophorus calcaneus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus cavirostris

Change to read: *Rhacophorus cavirostris* (“Günther, 1869 “1868”).

COMMENT: Change to read: Liu and Hu, 1961, Tailless Amph. China:247–248, regarded this as a distinct species; SD doubts the conspecificity of the Sri Lankan and Chinese populations; the former may be the same as *Philautus microtympanum*. Not assigned to subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Authority: Dubois, 1987 “1986”, Alytes, 5:132.

Rhacophorus chenfui

COMMENT: Add to begining: Subgenus *Rhacophorus* (*chenfui* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus depressus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus dultensis

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*reinwardtii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus edentulus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus everetti

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus fasciatus

COMMENT: Subgenus *Rhacophorus* (*fasciatus* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus gauni

COMMENT: Subgenus *Leptomantis*.

Authority: Dubois, 1987 “1986”, Alytes, 5:76.

Rhacophorus georgii

COMMENT: Subgenus *Rhacophorus* (*reinwardtii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus gongshanensis Yang and Su, 1984. Acta Herpetol. Sinica, 3:51.

TYPE(S): Holotype: KIZ 810485.

TYPE LOCALITY: Pumansao, 1880 m, Baoshan County, Yunnan, China.

DISTRIBUTION: Gaoligong Mountain, Hengduan Mountains, in Yunnan, southwestern China.

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus harrissoni

COMMENT: Subgenus *Rhacophorus* (*fasciatus* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus hecticus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus hungfuensis

COMMENT: Change to read: Subgenus *Rhacophorus* (*chenfui* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus javanus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus jerdonii

Change to: *Philautus jerdonii* (Günther, 1876).

Authority: Dubois, 1987 “1986”, Alytes, 5:73.

Rhacophorus kajau

COMMENT: Subgenus *Rhacophorus* (*appendiculatus* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus leucofasciatus

COMMENT: Add at end: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus leucomystax

Changed from: *Polypedates leucomystax*.

COMMENT: Add at beginning: Subgenus *Rhacophorus* (*leucomystax* group).

Authority: Dubois, 1986 “1986”, Alytes, 5:77.

Rhacophorus longinasus

COMMENT: Add at beginning: Subgenus *Rhacophorus* (*leucomystax* group). Change line 3 to read: ... Günther, 1869 “1868,” Proc. ... Delete last sentence.

Authority: Dubois, 1987 “1986”, Alytes, 5:77, 132. .

Rhacophorus malabaricus

COMMENT: Subgenus *Rhacophorus* (*malabaricus* group).

Authority Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus maximus

DISTRIBUTION: Change to read: ... India, Nepal, northern ...

COMMENT: Add at beginning: Subgenus *Rhacophorus* (*reinwardtii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77, 142.

Rhacophorus microtypanum

Change to: *Philautus microtypanum* .

Authority: Dubois, 1987 “1986”, Alytes, 5:73.

Rhacophorus modestus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus moltrechti

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus monticola

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus namdaphaensis Sarkar and Sanyal, 1985. Rec. Zool. Surv. India, 81:290.

TYPE(S): Holotype: ZSI A7180.

TYPE LOCALITY: “Namdapha Camp (alt. 350 m) ca. 58 km from Miao, Tirap district,” Arunachal Pradesh, India.

DISTRIBUTION: Known only from the type locality.

COMMENT: Not assigned to subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus naso

Delete. Synonym of *Rhacophorus verrucosus* Boulenger, 1893.

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus nigropalmatus

COMMENT: Add at beginning: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus nigropunctatus

COMMENT: Change to read: Subgenus *Rhacophorus* (*reinwardtii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus notator

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*pardalis* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus owstoni

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus oxycephalus

COMMENT: Add to beginning: Subgenus *Leptomantis*.

Authority: Dubois, 1987 “1986”, Alytes, 5:76.

Rhacophorus pardalis

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*pardalis* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus pleurostictus

Change to: *Philautus pleurostictus*.

Authority: Dubois, 1987 “1986”, Alytes, 5:73.

Rhacophorus poecilonotus

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus prasinatus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus prominanus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*reinwardtii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus reinwardtii

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*reinwardtii* group). Change line 3 to read:
261-280, and 1989 “1988”, Alytes, 7:101-104, noted ...

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus rhodopus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*reinwardtii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus robinsoni

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*pardalis* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus rufipes

COMMENT: Not assigned to a subgenus by Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus schlegelii

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).

Authority: Dubois, 1987 “1986”, Alytes, 5:77.

Rhacophorus taeniatus

COMMENT: Subgenus *Rhacophorus* (*leucomystax* group).

Authority: Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus taipeianus

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).

Authority: Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus taroensis

COMMENT: Not assigned to a subgenus by Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus translineatus

COMMENT: Not assigned to a subgenus by Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus tuberculatus

COMMENT: Not assigned to a subgenus by Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus tinkui Heang, 1987. Malay. Nat. J., 41:418.

TYPE(S): Holotype: UMKL 1986.

TYPE LOCALITY: Sungai Jasinm Ulu Endau, Johore, Malaysia.

DISTRIBUTION: Known only from the type locality and Pahang in peninsular Malaysia.

COMMENT: Not assigned to a subgenus by Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus turpes

COMMENT: Not assigned to a subgenus by Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus verrucopus

COMMENT: Subgenus *Rhacophorus* (*appendiculatus* group).

Authority: Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus verrucosus Boulenger, 1893. Ann. Mus. Civ. Stor. Nat. Genova, (2)13:337.

TYPE(S): Holotype: ?BM.

TYPE LOCALITY: Thao, Burma.

DISTRIBUTION: Arunachal Pradesh, India (area claimed by China), Burma, Cambodia, and Vietnam.

COMMENT: Not assigned to subgenus by Dubois, 1987 "1986", Alytes, 5:77. Treated as a subspecies of *Rhacophorus appendiculatus* by Bourret, 1942, Batr. Indochine:418. Includes as a synonym *Rhacophorus naso* Annanadale, 1912, Rec. Indian Mus., 8:12, according to Wolf, 1936, Bull. Raffles Mus., 12:162, and Dubois, 1987 "1986", Alytes, 5:75.

Rhacophorus viridis

COMMENT: Add to beginning: Subgenus *Rhacophorus* (*schlegelii* group).

Authority: Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus yaoshanensis

COMMENT: Change to read: Subgenus *Rhacophorus* (*chenfui* group).

Authority: Dubois, 1987 "1986", Alytes, 5:77.

Rhacophorus zed Dubois, 1987 "1986". Alytes, 5:86.

TYPE(S): Holotype: MNHNP 1983.1141.

TYPE LOCALITY: Narayanghat, 310 m, Terai, Nepal.

DISTRIBUTION: Known only from the type locality in central Nepal.

COMMENT: Subgenus *Rhacophorus* (*leucomystax* group).

FAMILY: Sooglossidae Noble, 1931.

CITATION: Change to: Biol. Amph.:492.

Authority: Dubois, 1987 "1986" Alytes, 5:127.

ORDER CAUDATA

ORDER: Caudata Oppel, 1911

Change to: **ORDER: Caudata** Scopoli, 1777.

CITATION: Change to read: Intr. Hist. Nat.:463. [Authority: Dubois, 1987 "1986", Alytes, 5:117.]

COMMENT: Add to end: However, phylogenetic analyses by Larson, 1991, Evol. Biol., 23:211–277, and Good and Wake, 1992, Univ. California Publ. Zool., 126:1–91, cast doubt on the validity of the subordinal classification.

FAMILY: Ambystomatidae Hallowell, 1858.

Change to: **FAMILY: Ambystomatidae** Gray, 1850

CITATION: Change to: Cat. Spec. Amph. Coll. Brit. Mus., Batr. Grad.:32.

COMMENT: Change lines 2–3 to read: ...by Stejneger, 1907, Bull. U. S. Natl. Mus., 58:24.

Edwards... [Authority: Dubois, 1987 "1986", Alytes, 5:118, 124.] Change line 7 to read: ... family, Dicamptodontidae, which subsequently was recognized as two families, Dicamptodontidae and Rhyacotritonidae, by Good and Wake, 1992, Univ. California Publ. Zool., 126:1–91. In the suborder ...

Ambystoma

TYPE SPECIES: Change "original designation" to monotypy.

Authority: Dubois, 1987 "1986", Alytes, 5:136.

Ambystoma barbouri Kraus and Petranks, 1989. Copeia, 1989:95.

TYPE(S): Holotype: UMMZ 182844.

TYPE LOCALITY: "In a first order tributary of Harris Creek which flows parallel to U.S. Hwy 27, 4.6 km S of the Licking River, Pendleton Co., Kentucky," USA.

DISTRIBUTION: Central Kentucky, southwestern Ohio, extreme southeastern Indiana, plus isolates in Livingston County in western Kentucky and extreme western West Virginia.

COMMENT: Largely a parapatric sibling of *Ambystoma texanum*.

Ambystoma lacustris

Change to read: *Ambystoma lacustre* Taylor and Smith, 1945.

ORIGINAL NAME: *Ambystoma lacustris*.

Ambystoma lermaense

TYPE(S): Change to read: FMNH 100029.

Ambystoma nothagenes Kraus, 1985. Occas. Pap. Mus. Zool. Univ. Michigan, 709:14.

TYPE(S): Holotype: UMMZ 176237.

TYPE LOCALITY: Kelleys Island, Erie County, Ohio, USA.

DISTRIBUTION: Known only from the type locality.

COMMENT: An allotriploid probably originating from a hybridization of a diploid *Ambystoma laterale*-*Ambystoma texanum* and an *Ambystoma tigrinum*.

Ambystoma platineum

Change to read: *Ambystoma platineum* Cope, 1868 "1867."

ORIGINAL NAME: Delete.

Ambystoma schmidtii

Delete. Synonym of *Ambystoma texanum*.

Authority: Kraus and Nussbaum, 1989, J. Herpetol. 23:78-79.

Ambystoma texanum

COMMENT: Add to end: *Ambystoma schmidtii* Taylor, 1939 “1938”, is a synonym according to Kraus and Nussbaum, 1989, J. Herpetol. 23:78-79.

FAMILY: Dicamptodontidae Tihen, 1958.

CITATION: Change to: Bull. Florida State Mus., Biol. Sci., 3:1.

COMMENT: Change line 1 to read: ... Biol. Sci., 3:1, proposed ... [Authority: Dubois, 1987 “1986”, Alytes, 5:127]. Change lines 7–8 to read: ... relatives. Good and Wake, 1992, Univ. California Publ. Zool., 126:13, placed *Rhyacotriton* in its only family, Rhyacotritonidae. See comment under Caudata.

SUBFAMILY: Dicamptodontinae Tihen, 1958.

Delete. No subfamilies recognized.

Authority: Good and Wake, 1992, Univ. California Publ. Zool., 126:1–91.

Dicamptodon

COMMENT: Change line 4 to read: ... 1983:679-691, and Good, 1989, Evolution, 43:728-744, reported ...

Dicamptodon ensatus

DISTRIBUTION: Change to read: The Pacific coast and adjacent mountain ranges in California from southern Mendocino County to the Pajaro River, USA.

COMMENT: Change line 3 to read: ... *aterrimus* and *Dicamptodon tenebrosus*).... Change line 5 to read: ... 149:1-94, and Good, 1989, Evolution, 43:728-744. See comment under *Dicamptodon tenebrosus*.

Dicamptodon tenebrosus Baird and Girard, 1852. Proc. Acad. Nat. Sci. Philadelphia, 6:174.

TYPE(S): Holotype: USNM 4710.

TYPE LOCALITY: “Oregon,” USA.

DISTRIBUTION: Pacific coast, coast ranges, and Cascade Mountains from southwestern British Columbia (Canada) to Mendocino County, California (USA).

COMMENT: This species was shown to be genetically distinct from *Dicamptodon ensatus* by Good, 1989, Evolution, 43:728-744, who noted a narrow zone of hybridization with *Dicamptodon ensatus* in coastal Mendocino County, California.

SUBFAMILY: Rhyacotritoninae Tihen, 1958.

Change to FAMILY: **Rhyacotritonidae** Tihen, 1958.

Authority: Good and Wake, 1992, Univ. California Publ. Zool., 126:1–91.

NOTE: *Rhyacotriton* and *Rhyacotriton olympicus* transferred to Rhyacotritonidae.

FAMILY: Hynobiidae Cope, 1860 “1859”.*Batrachuperus*

COMMENT: Change to read: Reilly, 1987, Amphibia-Reptilia, 8:283–284, considered *Paradactylon* Risch, 1984, to be congeneric with *Batrachuperus*. Chinese species reviewed by Zhao and Jiang, 1988, Stud. Chinese Sal.:49–53.

Batrachuperus gorganensis Clerque-Gazeau and Thorn, 1979.

Changed from: *Paradactylon gorganensis*.

ORIGINAL NAME: Delete.

Authority: Reilly, 1987, Amphibia-Reptilia, 8:283–284.

Batrachuperus karlschmidtii Liu, 1950. Fieldiana: Zool. Mem., 2:87.

TYPE(S): Holotype: FMNH 49379.

TYPE LOCALITY: Chiala, 11,000 ft, Luhohsien, Sikang (= Sichuan), China.

DISTRIBUTION: Western Sichuan, China.

COMMENT: Resurrected from the synonymy of *Batrachuperus tibetanus* by Chao and Jiang, 1988, Stud. Chinese Sal.:50.

Batrachuperus longdongensis

Delete. Synonym of *Batrachuperus pinchonii*.

Authority: Zhao and Jiang, 1988, Stud. Chinese Sal.: 50.

Batrachuperus pinchonii

COMMENT: Change last line to read: ... Sinica, 8:209–219, and *Batrachuperus longdongensis* Liu and Tian, 1983, Acta Zootaxon. Sinica, 8:210, according to Zhao and Jiang, 1988, Stud. Chinese Sal.:50. See Inger, Zhao, Shaffer, and Wu, 1990, Fieldiana: Zool., N. S., 58:5.

Batrachuperus tibetanus

COMMENT: Change to read: Reviewed by Zhao and Jiang, 1988, Stud. Chinese Sal.:49–53.

Hynobius

DISTRIBUTION: Change to read: Japan, Korea, China, Mongolia, Taiwan, and possibly Turkestan.

COMMENT: Add to end: *Pacypalaminus* Thompson, 1912 is a synonym according to Nishio, Matsui, and Tasumi, 1987, Monit. Zool. Ital., 21:307–315, as is *Satobius* Adler and Zhao, 1990, according to Matsui, Sato, Tanabe, and Hayashi, 1992, Herpetologica, 48:408–416.

Hynobius boulengeri (Thompson, 1912)

ORIGINAL NAME: *Pachypalaminus boulengeri*.

Changed from: *Pachypalaminus boulengeri*.

COMMENT: *Pachypalaminus* considered to be a subgenus of *Hynobius* by Nakamura and Ueno, 1963, Japan Rept. Amph. Color:13, and placed in the synonymy of *Hynobius* by Nishio, Matsui, and Tasumi, 1987, Monit. Zool. Ital., 21:307–315.

Hynobius chinensis

TYPE(S): Add to end: BM 1946.9.6.54 designated as lectotype by Adler and Zhao, 1990, Asiatic Herpetol. Res., 3:38.

COMMENT: Change to read: Reviewed by Adler and Zhao, 1990, Asiatic Herpetol. Res., 3:37–45, who considered *Hynobius yiwuensis* Cai, 1985, to be a junior synonym.

Hynobius hidamontanus Matsui, 1987. Japan. J. Herpetol. 12:57.

TYPE(S): Holotype: OMNH 9151.

TYPE LOCALITY: Ochikura Swamp (36°44'N, 137°52'E; 800 m), on the eastern slope of Mt. Shiro-uma-dake in Hahuba-mura, Minami-Azumi-gun, Nagano Prefecture, Japan.

DISTRIBUTION: Known only from the type locality on Honshu Is.

Hynobius mantschuriensis Mori, 1937. China J., 6:205.

TYPE(S): Unknown.

TYPE LOCALITY: Xiangyue County, Liaoning, China.

DISTRIBUTION: Type locality in northeastern China.

COMMENT: Placed as a synonym of *Hynobius leechii* Boulenger, 1887, by Chiang, 1936, Amph. Urodeles Chine:65, but recognized as a distinct species by Zhao, 1988, Stud. Chinese Sal.:65.

Hynobius nigrescens

COMMENT: Change to read: Includes *Hynobius sadoensis* Sato, Bull. Biogeogr. Soc. Japan,

10:165, according to Matsui, Iwasaw, Takahashi, Hayashi, and Kumakura, 1992, J. Herpetol., 26:308–315.

Hynobius retardatus

COMMENT: Add to beginning: Recognized as the sole member of the genus *Satobius* Adler and Zhao, 1990, Asiatic Herpetol. Res., 3:41; retained in *Hynobius* by Matsui, Sato, Tanabe, and Hayashi, 1992, Herpetologica, 48:408–416.

Hynobius tenuis Nambu, 1991. Zool. Sci., 8:991.

TYPE(S): Holotype: TOYA AM-385.

TYPE LOCALITY: Arimine, Ooyama-machi, Toyama Prefecture, Honshu I., Japan.

DISTRIBUTION: Mountains of southern Toyama Prefecture and northern Gifu Prefecture, Honshu I., Japan.

COMMENT: Most closely related to *Hynobius hidamontanus* according to original description.

Liua

Change to read: *Liua* Zhao and Hu, 1983.

COMMENT: The unjustified emendation *Liua* has been used.

Liua shihi

Change to read: *Liua shihi* (Liu, 1950).

DISTRIBUTION: Change to read: Eastern Sichuan, southern Shaanxi, western Hubei, and Hunan, China.

Authority: Zhao, 1988, Stud. Chinese Sal.:65.

Pachyhynobius

COMMENT: Synonymy includes *Sinobius* Dubois, 1987, Alytes, 6:10, which is a replacement name for *Xenobius* Zhang and Hu, 1985, Acta Herpetol. Sinica, 4:37, preoccupied by *Xenobius* Borgmeier, 1931 (Coleoptera), according to Zhao, 1988, Stud. Chinese Sal.:63.

Pachyhynobius shangchengensis

DISTRIBUTION: Change to read: Southeastern Henan and western Anhui, China.

COMMENT: Synonymy includes *Xenobius melanonychus* Zhang and Hu, 1985, Acta Herpetol. Sinica, 4:37, according to Zhao, 1988, Stud. Chinese Sal.:63.

Pachypalaminus

Delete. Synonym of *Hynobius*.

Authority: Nishio, Matsui, and Tasumi, 1987, Monit. Zool. Ital., 21:307–315.

Pachypalaminus boulengeri

Change to: *Hynobius boulengeri*

Authority: Nishio, Matsui, and Tasumi, 1987, Monit. Zool. Ital., 21:307–315.

Paradactylon

Delete. Synonym of *Batrachuperus*.

Authority: Reilly, 1987, Amphibia-Reptilia, 8:283–284.

Paradactylon gorganensis

Change to: *Batrachuperus gorganensis* Clerque-Gazeau and Thorn, 1979.

ORIGINAL NAME: Delete.

Authority: Reilly, 1987, Amphibia-Reptilia, 8:283–284.

Ranodon tsinpaensis

DISTRIBUTION: Change to read: Southern Shaanxi, eastern Sichuan, and western Hubei, China.

FAMILY: Plethodontidae Gray, 1850.

CITATION: Change to: Cat. Spec. Amph. Coll. Brit. Mus., Batr. Grad.:5.

COMMENT: Add to end: See Larson, 1984, *Evol. Biol.*, 17:119–217, for discussion of phylogeny within family.Authority: Dubois, 1987 “1986”, *Alytes*, 5:125.**SUBFAMILY: Desmognathinae** Cope, 1859.Change to read: **SUBFAMILY: Desmognathinae** Cope, 1866.CITATION: *J. Acad. Nat. Sci. Philadelphia*, (2)6:103.*Desmognathus apalachicola* Means and Karlin, 1989. *Herpetologica*, 45:38.

TYPE(S): Holotype: USNM 269079.

TYPE LOCALITY: Big Sweetwater Creek steephead (60 m. elevation) in SE 1/4, Section 11, Township 1 N, Range 7W, Liberty County, Florida, USA.

DISTRIBUTION: Southeastern Alabama, southwestern Georgia, and adjacent panhandle of Florida, USA.

COMMENT: Presumably related to *Desmognathus ochrophaeus* according to original description.**SUBFAMILY: Plethodontinae** Gray, 1850.

CITATION: Change to: Cat. Spec. Amph. Coll. Brit. Mus., Batr. Grad.:5.

COMMENT: Change line 2 to read: ... *Sci.*, 4:1–111, except that the name *Mycetoglossini* Bonaparte, 1850, has precedence over *Hemidactyliini* Hallowell, 1856, according to Dubois, 1984, *Alytes*, 3:111–116, and Dubois, 1987 “1986”, *Alytes*, 5:125. Elias*Aneides flavipunctatus*

TYPE(S): Change to read: Syntypes: ZIL 155–157; 155 now lost (LJB).

Batrachoseps simatus

TYPE(S): Change to read: LACM 34527.

*Bolitoglossa compacta*Change to read: *Bolitoglossa compacta* Wake, Brame, and Duellman, 1973.*Bolitoglossa epimela*

DISTRIBUTION: Change to read: Type locality and vicinity of Tapantí in the central highlands of Costa Rica.

Bolitoglossa gracilis Bolaños, Robinson, and Wake, 1987. *Rev. Biol. Tropical*, 35:87.

TYPE(S): Holotype: UCR 9378.

TYPE LOCALITY: Río Quiri, about 1 km NE (by road) from the bridge crossing the Río Grande de Oro, near Tapantí (9°47'30"N, 83°47'42"W, 1280 m), Cartago Province, Costa Rica.

DISTRIBUTION: Lower montane rainforest (1200–1800 m) in the valley of the Río Grande de Oro, Costa Rica.

COMMENT: Most like *Bolitoglossa diminuta* and *Bolitoglossa subpalmata* according to original description.*Bolitoglossa resplendens*Delete. Synonym of *Bolitoglossa lincolni*.Authority: Wake and Lynch, 1988, *Herpetologica*, 44:105–108.*Eurycea*COMMENT: Add to end: Allozymic analyses by Jacobs, 1987, *Herpetologica*, 43:423–446, indicate that the recognition of *Eurycea bislineata*, *cirrigera*, and *wilderi* is substantiated genetically, but the recognition of *Eurycea aquatica* and *Eurycea junaluska* is questionable.

Eurycea aquatica

COMMENT: Add to end: See comment under *Eurycea*.

Eurycea bislineata (Green, 1818).

DISTRIBUTION: Eastern North America from the borders of the St. Lawrence in Canada and northeastern Ohio to Virginia, USA.

COMMENT: Change to read: The restricted range of the species was determined allozymically by Jacobs, 1987, *Herpetologica*, 43:423–446.

Eurycea cirrigera (Green, 1830). *J. Acad. Nat. Sci.*, Philadelphia, 6:253.

ORIGINAL NAME: *Salamandra cirrigera*.

TYPE(S): Syntypes: USNM 4734 (2 specimens) (now lost).

TYPE LOCALITY: “Louisiana, near New Orleans,” USA.

DISTRIBUTION: Northeastern Illinois and central Ohio southeastward to extreme southern Virginia and southward to northern Florida and eastern Louisiana (exclusive of southern Appalachian Mountains), USA.

COMMENT: Recognized as a distinct species allozymically by Jacobs, 1987, *Herpetologica*, 43:423–446.

Eurycea junaluska

COMMENT: See comment under *Eurycea*.

Eurycea wilderae Dunn, 1920. *Proc. Biol. Soc. Washington*, 33:134.

ORIGINAL NAME: *Eurycea bislineata wilderae*.

TYPE(S): Holotype: MCZ 5848.

TYPE LOCALITY: White Top Mountain, Grayson County, Virginia, 4000 feet, USA.

DISTRIBUTION: Southern Appalachian Mountains from southern Virginia to Alabama, USA.

COMMENT: Recognized as a distinct species allozymically by Jacobs, 1987, *Herpetologica*, 43:423–446.

Gyrinophilus gulolineatus Brandon, 1965. *Copeia*, 1965:347.

ORIGINAL NAME: *Gyrinophilus pallescens gulolineatus*.

TYPE(S): Holotype: FMNH 142327

TYPE LOCALITY: Berry Cave, Roane County, Tennessee, USA.

DISTRIBUTION: Southern Cumberland Plateau in Franklin, Knox, and Roane counties, Tennessee, USA.

COMMENT: Considered as distinct from *Gyrinophilus pallescens* by Brandon, Jacobs, and Wynn, 1986, *J. Tennessee Acad. Sci.*, 61:2.

Gyrinophilus pallescens

DISTRIBUTION: Remove “in the Tennessee River valley of Roane and McMinn counties, Tennessee,”

COMMENT: Add to end: See comment under *Gyrinophilus gulolineatus*.

Hydromantes

COMMENT: Change to read: Tribe Bolitoglossini; supergenus *Hydromantes*.. Lanza and Vanni, 1981, *Monit. Zool. Ital.*, N.S., Suppl. 15:117–121, erected *Hydromantoides* (type species: *Spelerpes platycephalus* Camp, 1916, by original designation) for the New World species. Dubois, 1984, *Alytes*, 3:103–110, showed that *Hydromantes* Gistel, 1848, is a replacement name for *Geotriton* Bonaparte, 1832 [type species: *Salamandra exiguua* Laurenti, 1768, by monotypy (= *Triturus vulgaris* Linnaeus, 1858)], and applied *Hydromantoides* to all species formerly recognized in *Hydromantes*. Dubois, 1984, *Alytes*, 3:108, recognized two subgenera—*Hydromantoides* and *Speleomantes* (type species: *Hydromantes italicus* Dunn, 1923, by

original designation). Until the nomenclature is resolved by the International Commission of Zoological Nomenclature, the generic name *Hydromantes* is used. See Mertens and Wermuth, 1960, Amph. Rept. Europas:34–35, for synonymies of the European species, which were reviewed by Thorn, 1968, Salamanders Eur. Asie Afr. Nord.:302–314. Wake, Maxson, and Wurst, 1978, Evolution, 32:529–539, discussed the biogeography.

Hydromantes supramontis Lanza, Nascetti and Bullini, 1986. Boll. Mus. Reg. Sci. Nat. Torino, 4:

TYPE(S): Holotype: MZUF 15620.

TYPE LOCALITY: “small natural karstic well immediately S of Sacala ‘e Pradu, about 1225 m a.s.l. (Sopramonte di Oliena, Nuore)”, eastern Sardinia, Italy.

DISTRIBUTION: Type locality in eastern Sardinia, Italy.

Ixalotriton Wake and Johnson, 1989. Contrib. Sci. Nat. Hist. Mus. Los Angeles Co., 411:2.

TYPE SPECIES: *Ixalotriton niger* Wake and Johnson, 1989, by original designation.

DISTRIBUTION: As for the single species.

COMMENT: In the supergenus *Bolitoglossa* according to original description.

Ixalotriton niger Wake and Johnson, 1989. Contrib. Sci. Nat. Hist. Mus. Los Angeles Co., 411:2.

TYPE(S): Holotype: MVZ 158823.

TYPE LOCALITY: 12 km northwest of Berriozábal, about 1068 m, Chiapas, Mexico.

DISTRIBUTION: Known only from the type locality on the Caribbean versant of the northern highlands in Chiapas, Mexico.

Nototriton

Change authors to read: Wake and Elias, 1983.

Nototriton adelos Papenfuss and Wake, 1987. Acta Zool. Mex. (N.S.), 21:7.

TYPE(S): Holotype: MVZ 112226.

TYPE LOCALITY: 65 km NE (by Mex. Hwy. 175) of Guelatao, Oaxaca, Mexico.

DISTRIBUTION: Cloud forest at elevations of 1530–2050 m on the Caribbean slopes of the Sierra de Juárez in Oaxaca, Mexico.

Nototriton alvarezdeltoroi Papenfuss and Wake, 1987. Acta Zool. Mex. (N.S.), 21:9.

TYPE(S): Holotype: MVZ 158942.

TYPE LOCALITY: 34.6 km N (by Mex. Hwy. 195) of Jitotol, 1550 m, Chiapas, Mexico.

DISTRIBUTION: Known only from the type locality on the Caribbean versant of the Mesa Central in Chiapas, Mexico.

Oedipina poelzi

TYPE(S): Change to read: LACM 1722 (incorrectly cited as 1772).

Plethodon albagula Grobman, 1944. Ann. N.Y. Acad. Sci., 45:283.

ORIGINAL NAME: *Plethodon glutinosus albagula*.

TYPE(S): Holotype: CM 9652.

TYPE LOCALITY: 20 mi N San Antonio, Bexar County, Texas, USA.

DISTRIBUTION: Southern Missouri, highlands of northern and western Arkansas and eastern Oklahoma, Balcones Escarpment of south-central Texas, USA.

COMMENT: Recognized as a distinct species by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:71.

Plethodon aureolus Highton, 1984 “1983”. Brimleyana, 9:2.

TYPE(S): Holotype: USNM 238341.

TYPE LOCALITY: Farr Gap, Unicoi Mountains, Monroe County, Tennessee.

DISTRIBUTION: Appalachian Mountains of southeastern Tennessee and southwestern North Carolina, USA.

COMMENT: In the *Plethodon glutinosus* group. Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 381:1.

Plethodon chatahoochee Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:55.

TYPE(S): Holotype: USNM 168527.

TYPE LOCALITY: 0.3 km E of the top of Brasstown Bald, 1353 m, Towns Co., Georgia, USA.

DISTRIBUTION: Most of the Blue Ridge Physiographic Province in northern Georgia and in southeastern Cherokee County, North Carolina, USA.

COMMENT: In the *Plethodon glutinosus* group.

Plethodon chlorobryonis Mittleman, 1951. Herpetologica, 7:108.

ORIGINAL NAME: *Plethodon glutinosus chlorobryonis*.

TYPE(S): Holotype: USNM 129933.

TYPE LOCALITY: 13 mi N New Bern, Craven County, North Carolina, USA.

DISTRIBUTION: Coastal plain of southeastern Virginia, North Carolina, northeastern South Carolina, and Appalachians in southwestern Virginia, central and western South Carolina, and northeastern Georgia, USA.

COMMENT: In the *Plethodon glutinosus* group. Elevated to species rank by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:58.

Plethodon cylindraceus (Harlan, 1825). J. Acad. Nat. Sci. Philadelphia, 5:156.

ORIGINAL NAME: *Salamandra cylindracea*.

TYPE(S): Holotype: Unknown. Neotype: USNM 257522 (designated by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:71.

TYPE LOCALITY: "South Carolina." Designation of neotype restricts type locality to 34°44'32"N, 81°05'36"W, 137 m, Chester County, South Carolina, USA.

DISTRIBUTION: Piedmont and Blue Ridge physiographic provinces of Virginia and North Carolina west to French Broad River and south to northern piedmont of South Carolina; also in extreme western West Virginia, USA.

COMMENT: In the *Plethodon glutinosus* group. Recognized as a distinct species of *Plethodon* by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:71.

Plethodon fourschensis

TYPE LOCALITY: Change to read: "1.5 km ... Arkansas" [USA].

COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 391:1–2.

Plethodon glutinosus

DISTRIBUTION: Southwestern Connecticut west to southern Illinois and south through West Virginia, western Virginia, Kentucky, and Tennessee to eastern Alabama and northwestern Georgia, USA.

COMMENT: In the *Plethodon glutinosus* group. *Plethodon glutinosus* was divided into many species on the basis of biochemical evidence by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:1–153.

Plethodon grobmani Allen and Neill, 1949. Herpetologica, 5:112.

ORIGINAL NAME: *Plethodon glutinosus grobmani*.

TYPE(S): Holotype: ERA-WTN 19220.

TYPE LOCALITY: Half-mile Creek Swamp, about 2 mi NE Silver Springs, Marion County, Florida, USA.

DISTRIBUTION: Southern Alabama and southern Georgia to central Florida, USA.

COMMENT: In the *Plethodon glutinosus* group. Recognized as a distinct species by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:69.

Plethodon hoffmani

COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 392:1–2, who noted a probable sympatric species associated with *Plethodon hoffmani*.

Plethodon hubrichti

TYPE LOCALITY: Change to read: “by ... Virginia” [USA].

COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 393:1–2.

Plethodon kentucki

TYPE(S): Change to read: USNM 129937 (formerly Cincinnati Nat. Hist. Soc., 1521A).

TYPE LOCALITY: Change to read: Pine... [USA], about 2000 feet [elevation].

DISTRIBUTION: Add: northeastern Tennessee.

COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 382:1–2.

Plethodon kiamichi Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:62.

TYPE(S): Holotype: USNM 257314.

TYPE LOCALITY: Round Mountain, 640 m, LeFlore County, Oklahoma, USA.

DISTRIBUTION: Round and Kiamichi Mountains in Polk County, Arkansas, and LeFlore County, Oklahoma, USA.

COMMENT: In the *Plethodon glutinosus* group.

Plethodon kisatchie Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:67.

TYPE(S): Holotype: USNM 257348.

TYPE LOCALITY: Indian Creek, 30 m, Grant Parish, Louisiana, USA.

DISTRIBUTION: From central Louisiana north to southern Arkansas, USA.

COMMENT: In the *Plethodon glutinosus* group.

Plethodon mississippi Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:65.

TYPE(S): Holotype: USNM 257388.

TYPE LOCALITY: Tishomingo State Park, 177 m, Tishomingo County, Mississippi, USA.

DISTRIBUTION: Western Alabama, Mississippi, Florida parishes of southeastern Louisiana, western Tennessee, and western Kentucky, USA.

COMMENT: In the *Plethodon glutinosus* group.

Plethodon nettingi

TYPE LOCALITY: Change to read: “above 4000 feet on Barton Knob near Cheat Bridge, [Randolph County,] West Virginia” [USA].

COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 383:1–2.

Plethodon ocmulgee Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:60.

TYPE(S): Holotype: USNM 257426.

TYPE LOCALITY: Little Ocmulgee State Park, 49 m, Wheeler County, Georgia, USA.

DISTRIBUTION: Upper coastal plain and adjacent piedmont of central Georgia, USA.

COMMENT: In the *Plethodon glutinosus* group.

Plethodon petraeus Wynn, Highton, and Jacobs, 1988. Herpetologica, 44:135.

TYPE(S): Holotype: USNM 267105.

TYPE LOCALITY: Mouth of Dickson Gulf (34°39'50"N, 85°22'10"W; 310 m) on eastern slope of Pigeon Mountain, Walker County, Georgia, USA.

DISTRIBUTION: Eastern slope (300–464 m) of Pigeon Mountain in northwestern Georgia, USA.
COMMENT: In the *Plethodon glutinosus* group according to original description.

Plethodon savannah Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:73.
TYPE(S): Holotype: USNM 257465.
TYPE LOCALITY: 33°19'48"N, 82°03'49"W, 101 m, Richmond County, Georgia, USA.
DISTRIBUTION: Burke, Jefferson, and Richmond counties, Georgia, USA.
COMMENT: In the *Plethodon glutinosus* group.

Plethodon sequoyah Highton, 1989. In Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:68.
TYPE(S): Holotype: USNM 257485.
TYPE LOCALITY: Beavers Bend State Park, 140 m, McCurtain County, Oklahoma, USA.
DISTRIBUTION: Known only from the type locality.
COMMENT: In the *Plethodon glutinosus* group.

Plethodon serratus

TYPE SPECIES should read TYPE LOCALITY:
COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 394:1–2.

Plethodon teyahalee Hairston, 1950. Copeia, 1950:269.
ORIGINAL NAME: *Plethodon glutinosus teyahalee*.
TYPE(S): Holotype: UMMZ 100807.
TYPE LOCALITY: Teyahalee Bald (= Johanna Bald), 4252 ft, Snowbird Mountains, border of Graham and Cherokee counties, North Carolina.
DISTRIBUTION: Appalachian Mountains of southwestern North Carolina, southeastern Tennessee, and northern Georgia, USA.
COMMENT: Recognized as distinct species by Highton, 1984, "1983" Brimleyana, 9:1–20.

Plethodon variolatus (Gilliams, 1818). J. Acad. Nat. Sci. Philadelphia, 1:460.
ORIGINAL NAME: *Salamandra variolata*.
TYPE(S): Holotype: Unknown. Neotype: USNM 267104 (designated by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:60).
TYPE LOCALITY: Original given as "southern states." Restricted by neotype designation to Beechtree Recreation Area, 6 m, Berkeley County, South Carolina, USA.
DISTRIBUTION: Coastal plain of South Carolina and extreme southeastern Georgia, USA.
COMMENT: In the *Plethodon glutinosus* group. Recognized as a distinct species of *Plethodon* by Highton, 1989, in Highton, Maha, and Maxson, Illinois Biol. Monogr., 57:59.

Plethodon websteri

TYPE LOCALITY: Change to read: "0.6 km ... Alabama" [USA].
DISTRIBUTION: Change line 2 to read: ... (Alabama), Hinds and Winston counties
COMMENT: Add to end: Reviewed by Highton, 1986, Cat. Am. Amph. Rept., 384:1–2.

Pseudoeurycea parva Lynch and Wake, 1989. Contrib. Sci. Nat. Hist. Mus. Los Angeles Co., 411:15.
TYPE(S): Holotype: MVZ 196101.
TYPE LOCALITY: Ridge southeast of Cerro Baúl (1600 m), 21 km west of Rizo de Oro, Chiapas, Mexico.
DISTRIBUTION: Known only from Cerro Baúl in eastern Oaxaca, Mexico.

Pseudoeurycea saltator Lynch and Wake, 1989. Contrib. Sci. Nat. Hist. Mus. Los Angeles Co., 411:11.
TYPE(S): Holotype: MVZ 131102.

TYPE LOCALITY: Cloud forest just west of Highway 175 (1970 m), 16 km (by road) south of Vista Hermosa, Oaxaca, Mexico.

DISTRIBUTION: North slope (1580–1970 m) of Sierra de Juárez, Oaxaca, Mexico.

Pseudotriton

TYPE SPECIES: Change line 2 to read monotypy.

COMMENT: Change first sentence to read: Tribe Mycetoglossini.

Authority: Dubois, 1984, *Alytes*, 3: 111–116.

Stereochilus

COMMENT: Change first sentence to read: Tribe Mycetoglossini.

Authority: Dubois, 1984, *Alytes*, 3: 111–116.

Typhlomolge

COMMENT: Change first sentence to read: Tribe Mycetoglossini.

Authority: Dubois, 1984, *Alytes*, 3:111–116.

Typhlomolge rathbuni

DISTRIBUTION: Change to read: Underground waters at type locality.

Typhlomolge robusta

Change to read: *Typhlomolge robustus* Longley, 1978.

Typhlotriton

COMMENT: Change first sentence to read: Tribe Mycetoglossini.

Authority: Dubois, 1984, *Alytes*, 3:111–116.

FAMILY: Proteidae Gray, 1825.

Necturus

TYPE SPECIES: Change to read: *Siren maculosa* by subsequent designation of Brown, 1908, *Proc. Acad. Nat. Sci. Philadelphia*, 60:127.

Authority: Dubois, 1987 “1986,” *Alytes*, 5:133.

Proteus

TYPE SPECIES: Change to read: *Proteus anguinus* Laurenti, 1768, by subsequent designation of Stejneger, 1936, *Copeia*, 1936:135.

Authority: Dubois, 1987 “1986,” *Alytes*, 5:136.

FAMILY: Rhyacotritonidae Tihen, 1958.

CITATION: *Bull. Florida State Mus., Biol. Sci.*, 3:1.

DISTRIBUTION: Northwestern USA.

COMMENT: Reviewed and elevated to familial level from subfamily of Dicamptodontidae by Good and Wake, 1992, *Univ. California Publ. Zool.*, 126:1–91, who erroneously designated the Rhyacotritonidae as a new family; the family group name dates from Tihen, 1958, who proposed the name as a subfamily. See comment under Caudata.

Rhyacotriton Dunn, 1920, *Proc. New England Zool. Club*, 7:56.

TYPE SPECIES: *Rhyacotriton olympicus* Gaige, 1917, by monotypy.

DISTRIBUTION: Northwestern USA.

COMMENT: Reviewed by Good and Wake, 1992, *Univ. California Publ. Zool.*, 126:1–91.

Rhyacotriton cascadae Good and Wake, 1992. *Univ. California Publ. Zool.*, 126:15.

TYPE(S): Holotype: MVZ 90795.

TYPE LOCALITY: Base of Wahkeena Falls, Multnomah County, Oregon, USA.

DISTRIBUTION: Western slope of Cascade Mountains from just north of Mount Saint Helens, Skamania County, Washington, south to northeastern Lane County, Oregon, USA.

Rhyacotriton kezeri Good and Wake, 1992. Univ. California Publ. Zool., 126:16.

TYPE(S): Holotype: MVZ 197300.

TYPE LOCALITY: Junction of Highway 26 and Luukinen Road (Nehalem River Bridge), Clatsop County, Oregon, USA.

DISTRIBUTION: Coast Ranges from the vicinity of the Chehalis River, Grays Harbor County, Washington, south to the Little Nestucca River and the Grande Ronde Valley in Polk, Tillamook, and Yamhill counties, Oregon, USA.

Rhyacotriton olympicus (Gaige, 1917). Occas. Pap. Mus. Zool. Univ. Michigan, 40:2.

ORIGINAL NAME: *Ranodon olympicus*.

TYPE(S): Holotype: UMMZ 48607.

TYPE LOCALITY: Lake Cushman, Mason County, Washington, USA.

DISTRIBUTION: Olympic Peninsula in Clallam, Grays Harbor, Jefferson, and Mason counties, USA.

COMMENT: *Rhyacotriton olympicus*, as recognized previously, was determined to consist of four species by Good and Wake, 1992, Univ. California Publ. Zool., 126:1–91.

Rhyacotriton variegatus Stebbins and Lowe, 1951, Univ. California Publ. Zool., 40:471.

ORIGINAL NAME: *Rhyacotriton olympicus variegatus*.

TYPE(S): MVZ 45868.

TYPE LOCALITY: 1.3 miles west of Burnt Ranch Post Office, Trinity County, California, USA.

DISTRIBUTION: Coast Ranges from southern Mendocino County, California, north to the Little Nestucca River and the Grande Ronde Valley in Polk, Tillamook, and Yamhill counties, Oregon; western slope of the Cascade Mountains in the vicinity of Steamboat, Douglas County, Oregon, USA.

COMMENT: Recognized as a distinct species by Good and Wake, 1992, Univ. California Publ. Zool., 126:18.

FAMILY: Salamandridae Gray, 1825.

Change to read: **FAMILY: Salamandridae** Goldfuss, 1820.

CITATION: Handbuch Zool., 2:129.

Authority: Dubois, 1985, Alytes, 4:76.

Cynops pyrrhogaster

COMMENT: Change next to last line to read: ... Romer. Zhao, 1988, Stud. Chinese Sal.:66, recognized *Cynops shataukakensis* as a species in Guangdong, China. See ...

Cynops shataukokensis Freytag and Eberhardt, 1978 "1977". Salamandra: 13:151.

TYPE(S): Holotype: SMF 69000.

TYPE LOCALITY: Surroundings north of Shau Tau Kok, Hong Kong, China.

DISTRIBUTION: Southern Guangdong, China.

COMMENT: Considered by Risch and Romer, 1980, J. Herpetol., 14:337–341 to be based on introduced specimens of *Cynops pyrrhogaster* exported from Hong Kong, but associated with a species in southern China by Zhao, 1988, Stud. Chinese Sal.:66.

Echinotriton Nussbaum and Brodie, 1982. Herpetologica, 38:321.

TYPE SPECIES: *Tylototriton andersoni* Boulenger, 1892, by original designation.

DISTRIBUTION: Okinawa and Anami, Ryukyu Is., Japan; Hainan I. and mainland of China.

COMMENT: Considered to be a subgenus of *Tylototriton* by Zhao and Hu, 1984, Stud. Chinese

Tailed Amph.:14–21, but recognized at the generic level by Zhao, 1990, From Water onto Land:217–220. See comment under *Pleurodeles*.

Echinotriton andersoni (Boulenger, 1892)

Changed from: *Tylototriton andersoni*.

ORIGINAL NAME: *Tylototriton andersoni*.

Authority: Zhao, 1990, From Water onto Land:217–220.

COMMENT: Delete first and third sentences. See comment under *Echinotriton asperrimus*.

Echinotriton asperrimus (Unterstein, 1930)

Changed from: *Tylototriton asperrimus*.

ORIGINAL NAME: *Tylototriton asperrimus*.

Authority: Zhao, 1990, From Water onto Land:217–220.

COMMENT: Delete first sentence. Add to end: Population in Sichuan recognized as a different subspecies by Deng and Yu, 1984, Acta Herpetol. Sinica, 3:75–77. Synonymy includes *Tylototriton hainanensis* Fei and Yang, 1984, Acta. Zool. Sinica, 30:85, according to Zhao, 1988, Stud. Chinese Sal.:63.

Echinotriton chinhaiensis (Chang, 1932)

Changed from: *Tylototriton chinhaiensis*.

ORIGINAL NAME: *Tylototriton chinhaiensis*.

Authority: Zhao, 1990, From Water onto Land:217–220.

COMMENT: Delete

Mertensiella

TYPE SPECIES: Change to read: *Exaeretus caucasicus* Waga, 1876, by monotypy (Nomen novum for *Exaeretus* Waga, 1876).

Authority: Dubois, 1987 “1986”, Alytes, 5:133.

Pachytriton

DISTRIBUTION: Change to read: Southern China.

Pachytriton labiatum (Unterstein, 1930). Sitzungsber. Ges. Naturforsch. Freunde Berlin, 1930:313.

ORIGINAL NAME: *Molge labiatum*.

TYPE(S): Syntypes: ZMB.

TYPE LOCALITY: “Kwangsi” (= Guangxi), China.

DISTRIBUTION: Southern China.

COMMENT: Recognized as a subspecies of *Pachytriton brevipes* by Hu, Zhao, and Liu, 1973, Acta. Zool. Sinica, 19:149–178, but elevated to species status by Zhao and Hu, 1988, Stud. Chinese Sal.:16–18.

Paramesotriton

COMMENT: Add to end: *Allomesotriton* Freytag, 1983, Zool. Abh. Staatl. Mus. Tierkd., Dresden, 39:39–49 (type species:*Trituroides caudopunctatus* Liu and Hu, 1973, by original designation) is a synonym of *Paramesotriton*, according to Pang, Jiang, and Hu, 1992, Coll. Pap. Herpetol.89–100, who reviewed the genus.

Paramesotriton caudopunctatus

Change page number in citation to read: 160.

DISTRIBUTION: Change to read: Guizhou and Guangxi, China.

COMMENT: Change line 1 to read: ... *chinensis* (as *Trituroides chinensis*), according ...

Paramesotriton fuzhongensis Wen, 1989. Chinese Herpetol. Res., 2:15.

TYPE(S): Holotype: GMC 81-021.

TYPE LOCALITY: Gupo Hill, Wanggao (24°35'N, 111°25'E; 400 m), Zhongshan Xian (county), Guangxi Autonomous Region, China.

DISTRIBUTION: Northeastern Guangxi in south-central China.

Pleurodeles

COMMENT: *Echinotriton* and *Tylototriton* were considered as subgenera of *Pleurodeles* by Dubois, 1982, Monit. Zool. Ital., N.S. Supple., 16:9–65.

Taricha torosa

Change to read: *Taricha torosa* (Rathke, 1833). In Eschscholtz, Zool. Atlas, 5:12.

Triturus

TYPE SPECIES: Change to read: *Triton cristatus* Laurenti, 1768, by subsequent designation of Fitzinger, 1843, Syst. Rept.:34, under *Triton* Laurenti, 1768.

Authority: Dubois, 1987 “1986”, Alytes, 5:137.

Triturus alpestris

COMMENT: Change last line to read: See Breuil and Guillaume, 1985 “1984”, Bull. Soc. Zool. France, 109:377–389, for subspecies.

Triturus karelini

Change to read *Triturus karelini*.

ORIGINAL NAME: Change to read: *Triton karelini*.

TYPE(S): Change to read: ZIL 44–47; ZIL 46 now lost (LJB).

TYPE LOCALITY: Change to read: “nord-östlichen Persien.”

Tylototriton

DISTRIBUTION: Change line 1 to read: China, northern Vietnam,

COMMENT: Change to read: *Echinotriton* formerly considred to be a subgenus ot *Tylototriton* but recognized generically by Zhao, 1990, From Water onto Land:217–220. See comment under *Pleurodeles*.

Tylototriton andersoni

Change to: *Echinotriton andersoni*.

Authority: Zhao, 1990, From Water onto Land:217–220.

Tylototriton asperrimus

Change to: *Echinotriton asperrimus*.

Authority: Zhao, 1990, From Water onto Land:217–220.

Tylototriton chinhaiensis

Change to: *Echinotriton chinhaiensis*.

Authority: Zhao, 1990, From Water onto Land:217–220.

Tylototriton hainanensis

Delete. Synonym of *Echinotriton asperrimus*.

Authority: Zhao, 1988, Stud. Chinese Sal.:63.

Tylototriton kweichowensis

COMMENT: Delete first sentence.

Tylototriton taliangensis

COMMENT: Delete.

Tylototriton verrucosus

DISTRIBUTION: To Phu Luang, Thailand.

COMMENT: Delete first sentence. Add to end: See Wongratana, 1984, Nat. Hist. Bull. Siam Soc., 32:107.

ORDER GYMNOPHIONA**ORDER: Gymnophiona** Müller, 1831

Change to: **ORDER: Gymnophiona** Rafinesque-Schmaltz, 1814.

CITATION: Change to: Specchio Sci., 2:102–104.

Authority: Dubois, 1987 “1986”, Alytes, 5:118.

COMMENT: Change to read: The Gymnophiona is frequently referred to in the literature as the Apoda. The most recent major comprehensive review is that by Taylor, 1968, Caecilians of the World. The higher classification of caecilians was treated by Laurent, 1986, Ordre des Gymnophiones, 595–608, and by Lescure, Renous and Gasc, 1986, Mem. Soc. Zool. France, 43:145–177, who erected several new genera and families. The methodologies and classifications proposed by these workers were refuted by Nussbaum and Wilkinson, 1989, Herpetol. Monogr., 3:1–42, whose classification is followed here. Some nomenclatural changes were proposed by Dubois, 1984, Alytes, 3:11–116.

FAMILY: Caeciliidae Gray, 1825.

Change to: **FAMILY: Caeciliidae** Rafinesque-Schmaltz, 1814.

CITATION: Change to: Specchio Sci., 2:102–104.

DISTRIBUTION: Change to read: Tropical Central and South America, equatorial East and West Africa, islands in the Gulf of Guinea, Seychelles Is., and India.

COMMENT: Change to read: Spelling of the family name emended from Caeciliidae and placed on Official List of Family-group Names (Opinion 1462, 1987, Bull. Zool. Nomencl., 44:263). The subfamilies Caeciliinae and Dermophiinae were not recognized by Nussbaum and Wilkinson, 1989, Herpetol. Monogr., 3:1–42, who considered the Caeciliidae to be paraphyletic with respect to the Typhlonectidae.

SUBFAMILY: Caeciliinae Gray, 1825.

Delete.

Authority: Nussbaum and Wilkinson, 1989, Herpetol. Monogr., 3:1–42.

SUBFAMILY: Dermophiinae Taylor, 1969.

Delete.

Authority: Nussbaum and Wilkinson, 1989, Herpetol. Monogr., 3:1–42.

Caecilia marcus Wake, 1984. Amphibia-Reptilia, 5:215.

TYPE(S): Holotype: ZSM 70/1982.

TYPE LOCALITY: Villa Tunari, 400 m, via San Antonio on Río Chapare, Provincia Cochabamba, Bolivia.

DISTRIBUTION: Known only from the type locality and Chipiri in Provincia Cochabamba, Bolivia.

Copeotyphlinus

Delete. Synonym of *Gymnopsis*.

Authority: Nussbaum, 1988, Copeia, 1988:921–928.

Copeotyphlinus syntremus

Change to: *Gymnopsis syntremus*.

Authority: Nussbaum, 1988, Copeia, 1988:921–928.

Gegeneophis

Change to read: *Gegeneophis* Peters, 1880 “1879.” Monatsber. Pruess. Akad. Wiss. Berlin, 1879:932.

Geotrypetes grandisonae

Change to: *Sylvacaecilia grandisonae*.

Authority: Wake, 1987, J. Herpetol. 21:6.

Gymnopsis

COMMENT: Change first sentence to read: Includes *Copeotyphlinus* and *Minascaecilia* according to Nussbaum, 1988, Copeia, 1988:921–928.

Gymnopsis multiplicata

DISTRIBUTION: Change to read: Guatemala to Panama.

Gymnopsis syntremus (Cope, 1866).

Changed from: *Copeotyphlinus syntremus*.

Authority: Nussbaum, 1988, Copeia, 1988:921–928.

TYPE(S): Holotype: Change to read: USNM 25187.

TYPE LOCALITY: Change to read: “Belize.”

DISTRIBUTION: Change to read: Belize and eastern Guatemala.

COMMENT: Change to read: Nussbaum, 1988, Copeia, 1988:921–928, placed *Siphonops syntremus* Cope, 1866, and *Siphonops oligozona* Cope, 1877, in the synonymy of *Gymnopsis syntremus*.

Hypogeophis rostratus

Change to read: *Hypogeophis rostratus* (Cuvier, 1829). Règne Animal, Ed. 2, 2:100.

Lutkenotyphlus

Change to: *Luetkenotyphlus*

Lutkenotyphlus brasiliensis

Change to: *Luetkenotyphlus brasiliensis*.

COMMENT: Includes *Siphonops confusionis* Taylor, 1968. See Nussbaum, 1986, J. Herpetol., 20:441–444.

Mimosiphonops

COMMENT: Synonymy includes *Pseudosiphonops* Taylor, 1968, according to Wilkinson and Nussbaum, 1992, J. Nat. Hist., 26:680.

Mimosiphonops reinhardti Wilkinson and Nussbaum, 1992. J. Nat. Hist., 26:684.

TYPE(S): Holotype: ZIL 1078.

TYPE LOCALITY: “Brasília.”

DISTRIBUTION: Unknown; presumably from eastern Brazil.

Mimosiphonops vermiculatus

COMMENT: Synonymy includes *Pseudosiphonops ptychodermis* Taylor, 1968, according to Wilkinson and Nussbaum, 1992, J. Nat. Hist., 26:681.

Oscaecilia koepckeorum Wake, 1984. Bonn Zool. Beitr. 35:213.

TYPE(S): Holotype: ZFMK 23392.

TYPE LOCALITY: Quisto Cocha, an oxbow of the Río Itaya, 15 km south of Iquitos, Departamento Loreto, Peru.

DISTRIBUTION: Type locality in Amazonian Peru.

Oscaecilia osae Lahanas and Savage, 1992. Copeia, 1992:703.

TYPE(S): Holotype: LACM 138542.

TYPE LOCALITY: Airstrip at La Sirena, Península de Osa, Canton de Osa, Provincia de Puntarenas, Costa Rica.

DISTRIBUTION: Type locality in southeastern Costa Rica.

Pseudosiphonops

Delete. Synonym of *Mimosiphonops* Taylor, 1968.

Authority: Wilkinson and Nussbaum, 1992, J. Nat. Hist., 26:680.

Pseudosiphonops ptychodermis

Delete. Synonym of *Mimosiphonops vermiculatus* Taylor, 1968.

Authority: Wilkinson and Nussbaum, 1992, J. Nat. Hist., 26:681.

Schistometopum gregorii

Change to read: *Schistometopum gregorii* (Boulenger, 1895 “1894”). Proc. Zool. Soc. London, 1894:646.

Siphonops confusionis

Delete. Synonym of *Luetkenotyphlus brasiliensis*.

Authority: Nussbaum, 1986, J. Herpetol. 20:441-444.

Sylvacaecilia Wake, 1987. J. Herpetol., 21:6.

TYPE SPECIES: *Geotrypetes grandisonae* Taylor, 1970, by original designation.

DISTRIBUTION: As for the only species.

Sylvacaecilia grandisonae (Taylor, 1970).

ORIGINAL NAME: *Geotrypetes grandisonae*.

Changed from: *Geotrypetes grandisonae*.

COMMENT: Delete.

Authority: Wake, 1987, J. Herpetol. 21:6.

FAMILY: Ichthyophiidae Taylor, 1968.

COMMENT: Insert at beginning: Dubois, 1984, Alytes, 3:113, proposed that the correct family group name was Epicriidae Fitzinger, 1843:34. However, Epicriidae was suppressed, and Ichthyophiidae was placed on the Official List of Family-Group Names in Zoology (Opinion 1604, 1990, Bull. Zool. Nomencl., 47:166).

SUBFAMILY: Ichthyophiinae Taylor, 1968.

Delete.

Authority: Nussbaum and Wilkinson, 1989, Herpetol. Monogr., 3:1–42.

Ichthyophis

TYPE SPECIES: Change to read: *Caecilia glutinosus* Linnaeus, 1758, by monotypy.

Authority: Dubois, 1987 “1986”, Alytes, 5:133.

Ichthyophis beddomei

Change to read: *Ichthyophis beddomei* Peters, 1880 “1879.” Monatsber. Press. Akad. Wiss. Berlin, 1879:932.

Ichthyophis longicephalus Pillai, 1986. Rec. Zool. Surv. India, 84:231.

TYPE(S): Holotype: ZSIM, no number given.

TYPE LOCALITY: Silent Valley, 1050 m, Kerala, India.

DISTRIBUTION: Kunthi River drainage in southwestern India.

SUBFAMILY: Uraeotyphlinae Nussbaum, 1979.Change to **FAMILY: Uraeotyphlidae** Nussbaum, 1979.

Authority: Duellman and Trueb, 1986, Biol. Amphib.:510.

Uraeotyphlus

Transferred from Ichthyophiidae to Uraeotyphlidae.

Authority: Duellman and Trueb, 1986, Biol. Amphib.:510.

FAMILY: Scolecomorphidae Taylor, 1969.

COMMENT: Add: The family was redefined as including two genera and five species by Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713.

Crotaphatrema Nussbaum, 1985. Occas. Pap. Mus. Zool. Univ. Michigan, 713: 5.TYPE SPECIES: *Herpele bornmuelleri* Werner, 1899.

DISTRIBUTION: Southwestern Cameroon, West Africa.

Crotaphatrema bornmuelleri (Werner, 1899).Changed from: *Scolecomorphus bornmuelleri*.

Authority: Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713:7.

Crotaphatrema lamottei (Nussbaum, 1981).Changed from: *Scolecomorphus lamottei* (Nussbaum, 1981).

Authority: Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713:11.

Scolecomorphus

DISTRIBUTION: Change to read: Malawi and Tanzania in East Africa.

Scolecomorphus attenuatus Barbour and Loveridge, 1928Delete: Synonym of *Scolecomorphus uluguruensis* Barbour and Loveridge, 1928.

Authority: Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713:23.

Scolecomorphus bornmuelleri.Change to: *Crotaphatrema bornmuelleri*.

Authority: Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713:7.

Scolecomorphus convexus Taylor, 1968Delete. Synonym of *Scolecomorphus kirkii* Boulenger, 1883.

Authority: Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713:15.

Scolecomorphus lamottei Nussbaum, 1981Change to: *Crotaphatrema lamottei*.

Authority: Nussbaum, 1985, Occas. Pap. Mus. Zool. Univ. Michigan, 713:11.

FAMILY: Typhlonectidae Taylor, 1968.

CITATION: Change to: Caecilians of the World:xi.

Authority: Dubois, 1987 "1986", Alytes, 5:127.

COMMENT: Add to end: Wilkinson, 1989, Herpetologica, 45:23-36, presented a phylogeny of the genera.

*Chthonerpeton corrugatum*Delete. Synonym of *Chthonerpeton indistinctum*.

Authority: Nussbaum and Wilkinson, 1987, Occas. Pap. Mus. Zool. Univ. Michigan, 716:1-15.

Chthonerpeton erugatum

Delete. Synonym of *Chthonerpeton indistinctum*.

Authority: Nussbaum and Wilkinson, 1987, Occas. Pap. Mus. Zool. Univ. Michigan, 716:1-15.

Chthonerpeton exile Nussbaum and Wilkinson, 1987. Occas. Pap. Mus. Zool. Univ. Michigan, 716:8.

TYPE(S): Holotype: ZMUC R0268.

TYPE LOCALITY: "Bahia," Brazil.

DISTRIBUTION: Known only from the type locality.

Chthonerpeton hellmichi

Delete. Synonym of *Chthonerpeton indistinctum*.

Authority: Nussbaum and Wilkinson, 1987, Occas. Pap. Mus. Zool. Univ. Michigan, 716:1-15.

Chthonerpeton indistinctum

COMMENT: Includes *Chthonerpeton corrugatum* Taylor, 1968, *Chthonerpeton erugatum* Taylor, 1968, and *Chthonerpeton hellmichi* Taylor, 1968, according to Nussbaum and Wilkinson, 1987, Occas. Pap. Mus. Zool. Univ. Michigan, 716:1-5. Also includes *Nectocaecilia fasciata* Taylor, 1968, according to Wilkinson, 1989, Herpetologica, 45:23-36.

Chthonerpeton onorei Nussbaum, 1986. Rev. Suisse Zool., 93:912.

TYPE(S): Holotype: MHNG 2251.06.

TYPE LOCALITY: El Reventador, 1500 m elevation, Napo Province, Ecuador.

DISTRIBUTION: Type locality of the Amazonian slopes of the Andes in Ecuador.

Chthonerpeton perrisodus Nussbaum and Wilkinson, 1987. Occas. Pap. Mus. Zool. Univ. Michigan, 716:2.

TYPE(S): Holotype: MCZ 19972.

TYPE LOCALITY: Rio Pandeiro, Minas Gerais, Brazil.

DISTRIBUTION: Known only from the type locality.

Nectocaecilia

DISTRIBUTION: Change to read: Northern South America south to the Amazon.

Nectocaecilia fasciata

Delete. Synonym of *Chthonerpeton indistinctum*.

Authority: Wilkinson, 1989, Herpetologica, 45:23-36.

Typhlonectes

COMMENT: Includes *Pseudotyphlonectes* Lescure, Renous and Gasc, 1986. Mem. Soc. Zool. France, 43:170, according to Wilkinson, 1989, Herpetologica, 45:23-36.

Typhlonectes cunhai Cascon, Lima-Verde, and Marques, 1991. Bol. Mus. Para. Emilio Goeldi, Ser. Zool., 7(1):96.

TYPE(S): Holotype: MPEG 4584.

TYPE LOCALITY: Manaus (03°08' S, 60°00' W), Amazonas, Brazil.

DISTRIBUTION: Known only from the type locality in the central Amazon Basin.

FAMILY: Uraeotyphlidae Nussbaum, 1979.

Changed from: **SUBFAMILY: Uraeotyphlinae.**

Authority: Duellman and Trueb, 1986, Biol. Amphib.:510.

Uraeotyphlus

Transferred to Uraeotyphlidae from Ichthyophiidae.

Authority: Duellman and Trueb, 1986, Biol. Amphib.:510.

Uraeotyphlus oxyurus

TYPE LOCALITY: Change Cote to Côte.

Appendix I. Literature Abbreviations

Those literature references listed below that are followed by an asterisk (*) include corrections or additional information to references given in *Amphibian Species of the World*. The other references listed below are additions to the list in *Amphibian Species of the World*.

- Abh. Geb. Naturw. Hamburg—Abhandlungen aus dem Gebiet Naturwissenschaften, Hamburg, Germany.
- Acta Biol. Benrodis—Acta Biologie Benrodis, Düsseldorf, Germany.
- Acta Biol. Leopoldensis—Acta Biológica Leopoldensis, Rio Grande do Sul, Brazil.
- Acta Biol. Plateau Sinica—Acta Biologica Plateau Sinica, Xining, China.
- Adv. Diag. New Rept. Amphib.—J. Van Denburgh, 1912, Advance Diagnoses of new reptiles and amphibians from the Loo Choo Islands and Formosa. San Francisco, pp. 1–8.
- Afr. Wildl.*—African Wildlife, Wildlife Society, Linden, Republic of South Africa.
- An. Mus. Nac. Hist. Nat. Montevideo—Anales del Museo Nacional de Historia Natural de Montevideo, Uruguay.
- Ann. N. Y. Acad. Sci.—Annals of the New York Academy of Sciences, Albany, New York, USA.
- Arch. Sci. Genève—Archives des Sciences Genève, Switzerland.
- Asian J. Expl. Sci.—? Asian Journal of Exploration and Science.
- Asiatic Herpetol. Res.—Asiatic Herpetological Research, Berkeley, California, USA.
- Aust. J. Herpetol., Suppl. Ser.—Australian Journal of Herpetology, Supplemental Series. Privately published, Sydney, Australia.
- Australian Frogs—Tyler, M. J., 1989, Australian Frogs, Viking O'Neil, Ringwood, Victoria, Australia, xii, 220 pp.
- Biol. Amphib.—Duellman, W. E., and L. Trueb, 1986, Biology of Amphibians, McGraw-Hill Book Co., New York., xvii, 670 pp.
- Bol. Mus. Para. Emilio Goeldi—Boletim do Museu Paraense Emilio Goeldi, Belém, Brazil.
- Bol. Lima—Boletim de Lima, Lima, Peru.
- Boll. Mus. Reg. Sci. Nat. Torino—Bollettino del Museo di Scienze Naturali, Torino, Italy.
- Brenesia—Brenesia, Museo Nacional de Costa Rica, San José, Costa Rica.
- Bull. Osaka Mus. Nat. Hist.—Bulletin of the Osaka Museum of Natural History, Osaka, Japan.
- Cat. Taxon. Biogeog. Bibliog. Ranas Venezuela—Catálogo Taxonómico Biogeográfico y Bibliográfico de las Ranas de Venezuela. Cuadernos Geográficos. Facultad de Ciencias Forestales, Instituto de Geografía y Conservación de los Recursos Naturales, Universidad de Los Andes, Mérida, Venezuela.
- Chinese Herpetol. Res.—Chinese Herpetological Research, University of California, Berkeley, California, USA.
- Coll. Pap. Herpetol.—Jiang, Y.-M. (Editor), 1992, Collected Papers on Herpetology, Sichuan Publishing House of Science and Technology, Chengdu, Peoples Republic of China.
- Cuad. Herpetol.—Cuadernos de Herpetologia, Journal of Asociación Herpetológica Argentina, La Plata, Argentina.
- Doñana, Acta. Vert.*—Doñana, Acta Vertebrata, Sevilla, Spain.

- Erp. Gén.*—Add to end: Vol. 9 (1854) authored by A. M. C. Duméril, G. Bibron, and A. H. A. Duméril.
- Evol. Biol.—Evolutionary Biology, Plenum Press, New York.
- Evol. Hybrid. Spec. N. Am. Bufonids—Sanders, O., 1987, Evolutionary Hybridization and Speciation in North American Indigenous Bufonids. Privately published, Dallas, Texas, USA, 110 pp.
- Fieldguide Amph. Rept. Madagascar—Glaw, F., and M. Vences, 1992, A Fieldguide to the Amphibians and Reptiles of Madagascar. M. Vences & F. Glaw Verlags GbR, Köln, Germany.
- Frogs and Toads of Japan—Maeda, N., and M. Matsui, 1990, Frogs and Toads of Japan, Ed. 2, Bun-ichi Sogo Shuppan Co., Ltd., Tokyo, Japan, 206 pp.
- From Water onto Land—Zhao, E. (Ed.). 1992. From Water onto Land. Forestry Press of China, Beijing, China, 454 pp, 14 pls.
- Faune de Madagascar—Faune de Madagascar. Fasc. 75(1) Amphibiens. 1991:1–379, 8 pls. Muséum National d'Histoire Naturelle, Paris.
- Handbuch Zool.—Goldfuss, A. G. 1820. Handbuch der Zoologie. Vol. 2, Nürnberg, Germany, 512 pp.
- Herpetofauna—Herpetofauna, Weinstadt, Germany.
- Herpetol. Issle. Mongol. Nar. Respub.—Herpetology of Issledovaniya and Mongolian Narodnoi Respublike, Moscow. Russia.
- Herpetol. Monogr.—Herpetological Monographs, Herpetologists' League, USA.
- Herpetology—Herpetology. Current Research on the Biology of Amphibians and Reptiles. Proceedings of the First World Congress of Herpetology. K. Adler (editor). Society for the Study of Amphibians and Reptiles, Oxford, Ohio. v + 245 pp.
- Hist. Nat. Corrientes—Historia Natural, Corrientes, Argentina.
- Hist. Nat. Ferreret—Hemmer, H. and J. A. Alcover (ed.), 1984. História Biológica del Ferreret (Life History of the Mallorcan Midwife Toad). Editorial Moll, Palma de Mallorca, Spain, 252 pp.
- Indo-Malayan Zool.—Indo-Malayan Zoology, Rotterdam, Netherlands.
- Intr. Hist. Nat.—Scopoli, G. A. 1777. Introductio ad Historiam Naturalem, Sistens Genera Lapidium, Planatarum, et Animalium Hactenus Detecta, Characteribus Essentialibus Donata, in Tribus Divisa, Subinde ad Leges Naturae. Prague, Czechoslovakia, 506 pp.
- J. Afr. Herpetol. Assoc.—Journal of the African Herpetological Association. Port Elizabeth, Republic of South Africa.
- J. Bengal Nat. Hist. Soc., N.S.—Journal of the Bengal Natural History Society, New Series.
- J. Sichuan Teach. Col.—Journal of the Sichuan Teachers College (Natural Science), Nanchong, Sichuan, Peoples Republic of China.
- Kansas Herpetol. Soc. Newsl.—Kansas Herpetological Society Newsletter, Lawrence, Kansas, USA.
- Key Chinese Amph.—Fei, L., C.-Y. Ye, and Y.-Z. Huang. 1990. Key to Chinese Amphibians, Chongqing, China.
- Krat. Opred Presmy. Zemn.—Kratkoe Opredelenie Presmykaiushchikhsia Zemnovodnykh, Kraków, Poland.
- Monit. Zool. Ital.—Monitore Zoologico Italiana, N.S., Firenze, Italy.
- Mosk. Obsch. Ispyt. Priv. Biull. Oldel Biol.—Moskovskoe Obshchestvo Ispytatelci Privody Biulleten: Oldel Biologicheskii, Moscow, Russia.

- Nat. Hist. Fishes, Amph. Rept., Vol. II.—Swainson, W. 1839. Natural History of fishes, amphibians & reptiles, or monocardian animals. Vol. II. London. Longman & Co., vi, 452 pp.
- Nat. Hist. Bull. Siam Soc.—Natural History Bulletin of the Siam Society. Bangkok, Thailand.
- Nat. Misc.*—Add to end: [Also see Allen, 1912, Bull. Am. Mus. Nat. Hist., 31:11–15, for publication dates.]
- Philos. Zool.—Fleming, J. 1822. The Philosophy of Zoology: or a General View of the Structure, Functions, and Classification of Animals. Vol. II. Archibald Constable and Co., Edinburgh, 618 pp.
- Politecnica—Politecnica, Escuela Politécnica Nacional, Quito, Ecuador.
- Proc. Internat. Symp. African Vert.—Proceedings of International Symposium on African Vertebrates, Alexander Koenig Zoological Institute and Zoological Museum, Bonn, Germany.
- Proc. Japan. Soc. Syst. Zool.—Proceedings Japanese Society of Systematic Zoology, Japan.
- Proc. Zool. Soc. London*—Add to end: [See Duncan, 1937, Proc. Zool. Soc. London, 1937(A):71–81, for publication dates.]
- Raffles Bull. Zool.—Raffles Bulletin of Zoology, Singapore..
- Rept. Amph. Aust.—Cogger, H. G. 1992. Reptiles & Amphibians of Australia, ed. 5. Cornell University Press, Ithaca, New York.
- Rev. Biol.—Revista de Biología, Havana, Cuba.
- Rev. Brasil. Zool.—Revista Brasileira de Zoologia, São Paulo, Brazil.
- Rev. Española Herp.—Revista Española de Herpetología, Madrid, Spain.
- Rev. Français Aquariol.—Revue Française de Aquariologie
- S. Afr. J. Sci.—South African Journal of Science. South African Association for the Advancement of Science.
- S. Afr. Red Data Book—Branch, W. R. (ed.), 1988. South African Red Data Book—Reptiles and Amphibians. Foundation for Research Development, Pretoria, South Africa, 241 pp.
- Sagg. Stor. Nat. Chili—Molina, G. I., 1782. Saggio sulla Storia Naturale del Chili. Nella Stamperia di S. Tomaso d'Aquino, Bologna, Italy, 368 pp.
- Soöl. Navors. Nas. Mus.—Soölogiese Navorsing van die Nasionale Museum, Bloemfontein, Republic of South Africa.
- Specchio Sci.—Specchio delle Scienze, o, Giornale enciclopedica di Sicilia, Palermo, Italy.
- Stud. Chinese Sal.—Zhao, E., Y. Jiang, Q. Hu, and Y. Yang, 1988. Studies on Chinese Salamanders. Society for Study of Amphibians and Reptiles, Oxford, Ohio, USA, 67 pp.
- Stud. Herpetol.—Rocek, Z. (ed.), 1986. Studies in Herpetology. Charles University, Prague, Czechoslovakia.
- Syst. Chinese Amphib.—Systematics of Chinese Amphibia Edition of Works on Science and Technology, Chongqing China, 364 pp.
- Tauraco Res. Rept.—Tauraco Research Report,
- Traite Zool.—Traité de Zoologie, Anatomie, Systématique, Biologie. Tome XIV, Fasc. I-B, Amphibiens. P.-P. Grassé (ed.). 1986. Masson, Paris, France, 828 pp. Chapter “Sous-classe des lissamphibiens (Lissamphibia). Systématique (pp. 594–797) by R. F. Laurent.

- Trans. San Diego Soc. Nat. Hist.—Transactions of the San Diego Society of Natural History, San Diego, California, USA.
- Trop. Zool.—Tropical Zoology, Firenze, Italy.
- Veröff. Deutsch. Kolonial-u. Uebersee Mus. Bremen—Veröffentlichung des Deutschen Kolonial-und Uebersee Museum. Dresden, Germany.
- Vert. Tropics—G. Peters and R. Hutterer, 1990. Vertebrates in the Tropics. Proceedings of the International Symposium on Vertebrate Biogeography and Systematics in the Tropics. Alexander Koenig Zoological Institute and Zoological Museum, Bonn, Germany, 424 pp.
- Voy. Coquille*—Change last line to read: Woodward, 1901, Ann. Mag. Nat. Hist., (7)7:391–392, and 1906 ...
- Voy. India Orient.*—Change 1834 to 1831–1834. Add to end: [See Sherborn and Woodward, 1901, Ann. Mag. Nat. Hist., (7)7:388–392 for publication dates.]
- Zool. Ergeb. Niederländ. Ost-Ind.—Zoologische Ergebnisse einer Reise der Niederländische Ost-Indien, E. J. Brill, Leiden., Netherlands
- Zool. Voy. Beagle*—Add to end: [See Sherborn, 1897, Ann. Mag. Nat. Hist., (6)20:483, for publication date.]

Appendix II. Museum Abbreviations

The following are additions to the list in *Amphibian Species of the World*.

CARE	Albert R. Estrada, Havana, Cuba.
CET	Centro de Estudios Tropicales, Sevilla, Spain.
CVULA	Coleccion Vertebrados, Universidad de los Andes, Mérida, Venezuela.
CZACC	Colección Zoología, Academia de Ciencias de Cuba, Habana, Cuba.
DBSNU	Department of Biology, Shaanxi Normal University, Shaanxi, Peoples Republic of China.
DZKU	Department of Zoology, University of Kharkov, Russia.
DCN-UNRC	Departamento de Ciencias Naturales, Universidad Nacional de Río Cuarto, Argentina.
EBD	Estación Biológica Doñana, Sevilla, Spain.
ERA-WTN	E. Ross Allen-Wilfred T. Neill, Silver Springs, Florida.
FU	Fudan University, Shanghai, Peoples Republic of China.
FUE	Fukuoka University of Education, Munakata, Fukuoka, Japan.
GMC	Guangxi Medical College, Guilin, Peoples Republic of China.
GNU	Guangxi Normal University, Guilin, Peoples Republic of China.
HNU	Hunan Normal University, Changsha, Peoples Republic of China.
IND-AN	Amphibian Collection, Instituto Nacional de los Recursos Naturales Renovables y del Ambiente, Bogotá, Colombia.
IZUW	Institut für Zoologie der Universität Wien, Wien, Austria.
KIZ	Kunming Institute of Zoology, Academica Sinica, Kunming, Peoples Republic of China.
JJ	Jorge Jim, Departamento de Zoologia, IB-UNESP, Botucatu, São Paulo, Brazil.
LIV	Liverpool Museum, William Brown Street, Liverpool L3 8EN, England.
LZUH	Laboratoire de Zoologie, Université de Hanoi, Vietnam.
MHNJP	Museo de Historia Natural “Javier Prado”; see MHNSM.
MHNCSJ	Museo de Historia Natural, Colegio San José, Medellín, Colombia.
MHNSM	Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Apartado 14-0434, Lima 14, Peru.
MHNLS	Museo de Historia Natural La Salle, Caracas, Venezuela.
MNHNCU	Museo Nacional de Historia Natural, Havana, Cuba.
MPEG	Museu Paraense Emilio Goeldi, Belém, Brazil.
NMNH	National Museum of Natural History, New Delhi, India.
PEM	Port Elizabeth Museum, Port Elizabeth, Republic of South Africa.
QCAZ	Museo de Zoología, Pontifica Universidad Católica del Ecuador, Quito, Ecuador.
SPCS	Sergio Potsh de Carvalho e Silva, Rio de Janeiro, Brazil.
STC	Sichuan Teachers College, Nanchong, Sichuan, Peoples Republic of China.
TOYA	Toyama Science Museum, Toyama, Japan.
ULABG	Universidad de Los Andes, Laboratorio de Biogeografía, Mérida, Venezuela.
UMKL	University of Malaya, Kuala Lumpur, Malaysia.

UVC	Museo de Vertebrados, Universidad del Valle, Cali, Colombia.
XNC	Department of Biology, Xinxiang Normal College, Xinxiang, Henan, Peoples Republic of China.
YU	Yunnan University, Kunming, Peoples Republic of China.
ZITIU	Zoological Institute, Tokyo Imperial University, Japan.
ZMG	Zoologischen Museums, Greifswald, Germany.
ZMNH	Zhejiang Museum of Natural History, Hangzhou, Peoples Republic of China.

The following are corrections in the list in *Amphibian Species of the World*.

ZSM	Zoologisches Staatsammlung, Münchhausenstrasse 21, 8000 München 21, Germany.
ZUEC	Museu de Historia Natural, Universidade Estadual de Campinas, CP 6109, 13081-970 Campinas, São Paulo, Brazil.

Taxonomic Index

Subgeneric combination not included

A

- aaptus*, *Eleutherodactylus* 132
abbotti, *Eleutherodactylus* 132
abbreviata, *Hyla* 137
abdita, *Gastrotheca* 71
abditus, *Dendrobates* 59
abditus, *Minyobates* 59, 66
Abrana cotti 236, 238
abbreviata, *Hyla* 137
abyssinica, *Rothschildia* 119
acanthi, *Limnonectes* 221
acanthidiocephala, *Centrolenella* 34
acanthidiocephalum, *Centrolene* 34
Acanthixalus 4, 112, 120
Acanthixalus spinosus 113
acanthodes, *Plectrohyla* 92
acarpicus, *Insuetophrynus* 175
acatellus, *Eleutherodactylus* 132
acerus, *Eleutherodactylus* 132
achalensis, *Odontophrynus* 175
achatina, *Microhyla* 201, 202, 203
achatinus, *Eleutherodactylus* 132
acmonis, *Eleutherodactylus* 132
Acris 4, 75
actites, *Eleutherodactylus* 132
acuminata, *Ololygon* 86, 96
acuminata, *Scinax* 86, 96
acuminatus, *Eleutherodactylus* 132
acuticeps, *Mantidactylus* 183
acutirostris, *Eleutherodactylus* 132
acutirostris, *Philautus* 289
acutirostris, *Rhacophorus* 293
acutus, *Philautus* 289
Adelastes 7, 200
Adelastes hylonomus 200
Adelophryne 5, 129, 176
Adelophryne adiaola 129
adelos, *Nototriton* 304
Adelotus 8
adelphe, *Sphenophryne* 200
Adenominae 19
Adenomera 5, 125
Adenomera griseigularis 125, 126
Adenomera marmorata 125
adenopleura, *Rana* 251
adiastola, *Adelophryne* 129
adiazeta, *Cochranella* 42
adolfifriderici, *Arthroleptis* 14
adspersus, *Breviceps* 193
adspersus, *Pyxicephalus* 240
aecii, *Osteocephalus* 90
Aeleurolalax 214, 215
Aeleurolalax tainingensis 214
aenea, *Chaparana* 244, 252
aenea, *Rana* 244, 252
aeneus, *Crossodactylus* 124
aequatorialia, *Glossostoma* 201, 204
aequatorialis, *Nelsonophryne* 201, 204
aequiplicata, *Ptychadena* 235
aerumnalis, *Mantidactylus* 183, 184
afghanus, *Amolops* 240
affinis, *Eleutherodactylus* 132
affinis, *Phrynomantis* 205
affinis, *Phrynomerus* 205
Afrana 250, 252, 258, 260, 263, 274, 280
Afraxalus 4, 112, 113, 114, 118
Afraxalus aureus 113
Afraxalus brachycnemis 113, 114
Afraxalus clarkei 113
Afraxalus rotalis 113
Afraxalus delicatus 113
Afraxalus enseticola 113
Afraxalus fornasini 114
Afraxalus fornasinii 114
Afraxalus knysnae 113
Afraxalus pygmaeus 113, 114
Afraxalus pygmaeus septentrionalis 113
Afraxalus septentrionalis 113, 114
Afraxalus septentrionalis morerei 113
Afraxalus spinifrons 114
Afrocaecilia 12
Agalychnis 4, 109
Agalychnis craspedopus 109
agilis, *Colostethus* 54
agilis, *Ololygon* 86, 96
agilis, *Scinax* 86, 96
aglavei, *Mantidactylus* 183
Aglyptodactylus 10, 181, 286
Aglyptodactylus madagascariensis 286
ailaoanus, *Bufo* 22
alacris, *Colostethus* 54
alalocophus, *Eleutherodactylus* 132
alba, *Geocrinia* 209
albagula, *Plethodon* 304
albagula, *Plethodon glutinosus* 304
alberchi, *Eleutherodactylus* 132
albifrons, *Physalaemus* 127
albicans, *Hyla* 77, 96
albicans, *Scinax* 77, 96
albipes, *Eleutherodactylus* 133
albofrenata, *Hyla* 85
albofrenatus, *Mantidactylus* 183, 187
albolabris, *Eleutherodactylus* 143, 180
albolabris, *Tomodactylus* 143, 180
albolabris, *Rana* 252
albolineata, *Rana* 254
albolineatus, *Mantidactylus* 183
alboguttata, *Litoria* 106
alboguttatus, *Colostethus* 54, 55
albobaculata, *Centrolenella* 38, 43
albobaculata, *Cochranella* 38, 43
albomarginata, *Hyla* 78
albopunctata, *Hyla* 77
albosignata, *Hyla* 77, 79, 80, 81
albotuberculata, *Rana* 252
albotuberculata, *Rana everetti* 252
albovittata, *Hyla* 77
albotunica, *Centrolenella* 38
alcatraz, *Hyla catharinae* 96
alcatraz, *Scinax* 96
alcoae, *Eleutherodactylus* 133
alfredi, *Eleutherodactylus* 133, 162
alipioi, *Macrogenioglottus* 175
alleni, *Ololygon* 86, 96
alleni, *Scinax* 86, 96
Alexteroon 5, 112, 114
Alexteroon obstetricans 114, 116
aliciae, *Nyctibatrachus* 283
alluaudi, *Plethodontohyla* 196
allenorum, *Hyla* 77
Allobates 3, 53
Allobates femoralis 53, 60
Allomesotriton 310
Allophryne 2, 14, 75
Allophryne ruthveni 14, 75
Allophrynidae 1, 2, 14, 75
Allophryninae 19
alpestris, *Triturus* 311
Alsodes 5, 130
Alsodes monticola 130
Alsodes montanus 130, 178

- Alsodes nodosus* 130
Alsodes pehuenche 139
Alsodes vittatus 130, 174
altae, Eleutherodactylus 133
altaica, Rana 252
altamazonica, Argenteohyla 76, 92
altamazonicus, Eleutherodactylus 133
alticola, Cophophryne 214
alticola, Eleutherodactylus 133
alticola, Platypelis 195
alticola, Rana 251, 252
alticola, Scutiger 214
Altiphrynoides 2, 19, 31
Altiphrynoides malcolmi 19, 31
Altirana 10, 240, 246
Altirana parkeri 240, 246
altitudinalis, Centrolene 34, 38
altitudinalis, Centrolenella 34, 38
altobueyensis, Dendrobates 59, 65
altobueyensis, Minyobates 59, 65
alvarezdeltoroi, Nototriton 304
Alytes 3, 67
Alytes cisternasii 67
Alytes muletensis 67
Alytes obstetricans 67
amadeus, Eleutherodactylus 133
ambohitombi, Mantidactylus 184
Amblyphrynus 129
Ambystoma 10, 298
Ambystoma barbouri 298
Ambystoma lacustre 298
Ambystoma lacustris 298
Ambystoma laterale 298
Ambystoma nothagenes 298
Ambystoma platineum 298
Ambystoma schmidtii 298, 299
Ambystoma texanum 298, 299
Ambystoma tigrinum 298
Ambystomatidae 10, 298
ameghini, Paludicola 129
ameghini, Pseudopaludicola 128, 129
Amerana 250, 254, 269
americanus, Bufo 22, 30
americanus charlesmithi, americanus copei, Bufo 22
ametarsia, Centrolenella 43
ametasia, Cochranella 43
amietii, Rana 252
Amietia 250, 279
amnicola, Rana 250, 252
Amnirana 250, 252, 253, 257, 265, 266, 270, 271
Ammoryctis 67
Amo 240, 242
Amolops 10, 240–243, 251
Amolops afghanus 240
Amolops amoropalamus 241
Amolops cavitympanum 241
Amolops chapaensis 241
Amolops chunganensis 241
Amolops diayunensis 241
Amolops formosus 241
Amolops granulosus 241
Amolops hainanensis 241
Amolops himalayanus 241
Amolops hongkongensis 241
Amolops javanus 241
Amolops jinjiangensis 242
Amolops kaulbacki 242
Amolops kinbaluensis 242
Amolops larutensis 242
Amolops lifanensis 242
Amolops loloensis 242
Amolops longimanus 242, 265
Amolops macrophthalmus 242
Amolops macrorhynchus 242
Amolops mantzorum 242
Amolops monticola 243
Amolops nasicus 243
Amolops nepalicus 243
Amolops orphnocnemis 243
Amolops phaeomerus 243
Amolops poecilus 243
Amolops ricketti 243
Amolops sumatranus 243
Amolops torrentis 243
Amolops viridimaculatus 243
Amolops whiteheadi 243
Amolops wuyiensis 243
amoropalamus, Amolops 241
Amphignathodon 4, 69, 70, 71, 72
Amphignathodon guentheri 69, 70, 72
Amphiuma 11
Amphiumidae 11
amulae, Tomodactylus 131
amurensis, Rana 252
anae, Eleutherodactylus 142
anamallaiensis, Nannobatrachus 246, 283
anatipes, Eleutherodactylus 133
anceps, Rhacophorus 287
anchietae, Ptychadena 236
anciano, Eleutherodactylus 133
andamanensis, Limnonectes 221
andamanensis, Rana 221, 225
andaquiensis, Gastrotheca 71, 72
andersoni, Echinotriton 310, 311
andersoni, Tylototriton 309, 310, 311
andersonii, Rana 252
anderssoni, Bufo 22
andi, Eleutherodactylus 133
andicola, Eleutherodactylus 133
andina, Centrolenella 34, 38
andinus, Dendrobates 62
andinus, Epipedobates 62
Andinophryne 2, 19
Andinophryne atelopoides 19, 23
Andinophryne colomai 19
Andinophryne olallai 19
andinum, Centrolene 34, 38
andrakata, Heterixalus 115
andrewsi, Bufo 22
andrewsi, Eleutherodactylus 133
Andrias 11
andringitraensis, Rhacophorus 287
Aneides 11
Aneides flavipunctatus 302
angelicus, Eleutherodactylus 134
angolensis, Hylabates 121
angolensis, Rana 252
anguinus, Proteus 308
angulifer, Mantipus 194, 196
angulifer, Plethodontohyla 194, 196
angusticeps, Bufo 26
angustidigitum, Eleutherodactylus 134, 180
angustidigitum, Tomodactylus 134, 180
angustifrons, Gastrotheca 71
angustilineata, Hyla 77
Anhydrophryne 9
anisitsi, Hyla 77, 103
anlungensis, Rana 252
annamensis, Microhyla 202
annamensis, Rhacophorus 293
annandalii, Paa 247, 252
annandalii, Philautus 289
annandalii, Rana 247, 252
Annandia 244
annectens, Microhyla 202
annulatus, Phrynobatrachus 233
annulatus, Phrynobatrachus cornutus 233
anorbis, Xenobatrachus 191
Anodonthyla 7, 194
Anodonthyla montana 194
Anodonthyla nigrigularis 194
anolirex, Eleutherodactylus 134
anomala, Centrolenella 38, 43
anomala, Cochranella 38, 43
anomalus, Eleutherodactylus 134
anonymus, Eleutherodactylus 134
Anotheca 4
anotis, Eleutherodactylus 134
anotis, Stephopaedes 33
Ansonia 2
Ansonia leptopus 20
Ansonia longidigita gryllivoca 20

- Ansonia ornata* 20
Ansonia spinulifer 20
ansorgii, *Ptychadena* 236
antecessor, *Bufo* 30
anthonyi, *Dendrobates* 59, 62
anthonyi, *Epipedobates* 62
anthonyi, *Phyllobates* 64
antillensis, *Eleutherodactylus* 134
antioquiensis, *Centrolene* 34, 38
antioquiensis, *Centrolenella* 34, 38
antisana, *Osornophryne* 32
antisthenesi, *Centrolenella* 38, 49
antisthenesi, *Hyalinobatrachium* 38, 49
Anura 2, 13, 14
anzuetoi, *Eleutherodactylus* 134, 153
apalachicola, *Desmognathus* 302
Aparasphenodon 4, 75
Aparasphenodon brunoi 75
Aphantophryne 7
apiculatus, *Eleutherodactylus* 134
Aplastodiscus 4, 75
Aplastodiscus perviridis 75
apostates, *Eleutherodactylus* 134
appendiculata, *Phrynomedusa* 110'
appendiculata, *Phyllomedusa* 110
appendiculatus,
Eleutherodactylus 134
appendiculatus, *Rhacophorus* 293, 295, 297
Aquarana 250, 255, 256, 261, 262, 270, 275, 280
aquatica, *Eurycea* 320, 303
arathooni, *Limnonectes* 222, 253
arathooni, *Rana* 222, 253
arborescandens, *Bufo* 22
arboreus, *Rhacophorus* 293
arboricola, *Kassina* 118
Arcovomer 7, 200
Arcovomer passerelli 200
arens, *Epipedobates* 63
areolata, *Rana* 253
Arenophryne 8
Arenophryne rotunda 209
arequipensis, *Telmatobius* 179
arfaki, *Rana* 253
arfakiana, *Xenobatrachus* 192
Argenteohyla 4, 75
Argenteohyla altamazonica 76, 92
argenteovirens, *Gastrotheca* 71
argenteovirens, *Hyla* 70
argenteovirens dunni,
Gastrotheca 71
argenteus, *Leptopelis* 120, 121
argenteus meridionalis,
Leptopelis 121
argenteus, *Mantidactylus* 184, 185, 186, 188
argyreornata, *Oloolygon* 86, 97
argyreornata, *Scinax* 86, 97
argus, *Hyperolius* 115, 117
ariadne, *Hyla* 77, 97
ariadne, *Scinax* 77, 97
arianae, *Hyla* 78
arildae, *Hyla* 78
Arlequinus 5, 112, 114
Arlequinus krebsi 114, 116
armstrongi, *Eleutherodactylus* 134
arnoldi, *Paa* 247, 253
arnoldi, *Rana* 247, 253
Aromobates 3, 53
Aromobates nocturnus 53
arrabli, *Pipa* 216
Arthroleptella 9
Arthroleptidae 2
Arthroleptinae 2, 14, 112, 218
Arthroleptides 9, 232
Arthroleptides dutoiti 232
Arthroleptis 2, 14, 17
Arthroleptis adolfifriederici 14
Arthroleptis adolfifriederici
francei 15
Arthroleptis (Arthroleptis)
nimbaense 15
Arthroleptis (Arthroleptulus)
crusculum 15
Arthroleptis bivittatus 14, 16, 17
Arthroleptis crusculum 15, 17
Arthroleptis feae 233
Arthroleptis francei 15
Arthroleptis hematogaster 15, 17
Arthroleptis lameerei 15, 17
Arthroleptis loveridgei 15, 17
Arthroleptis millethorsini 15, 18
Arthroleptis mossoensis 15, 18
Arthroleptis nimbaensis 15, 18
Arthroleptis phrynoides 15, 18
Arthroleptis poecilonotus 16
Arthroleptis pyrrhoscelis 16, 18
Arthroleptis reichei 16
Arthroleptis schubotzi 16, 18
Arthroleptis spinalis 16, 18
Arthroleptis stenodactylus 16
Arthroleptis sylvatica 16, 18
Arthroleptis taeniatus 16
Arthroleptis troglodytes 16, 18
Arthroleptis vercammeni 16, 18
Arthroleptis xenochirus 16, 17, 18
Arthroleptis xenodactylus 17, 18
Arthroleptis xenodactyloides 17, 18
Arthroleptis variabilis var. *picta* 15
Arthroleptis zimmeri 17, 18
aruensis, *Litoria* 108
arunco, *Bufo* 23, 24
arunco, *Rana* 23
arvalis, *Rana* 253
Ascaphus 5, 122
Ascaphus truei 122
asiatica, *Rana* 253
Assa 8
asper, *Hylodes* 124
asper, *Lepidobatrachus* 123
asper, *Mantidactylus* 184
aspera, *Hylomantis* 109, 111
aspera, *Phyllomedusa* 109, 111
aspera, *Pipa* 216
asperrima, *Rana* 253
asperrimus, *Echinotriton* 310, 311
asperrimus, *Tylototriton* 310, 311
asperus, *Hylodes* 124
Asterophryinae 6, 188
Asterophrys 6, 188
Astylosterninae 2, 112
Astylosternus 2
Atelognathus 5
Atelognathus patagonicus 130
Atelophryniscus 2, 20
Atelophryniscus chrysophorus 20
atelopoides, *Phyllomedusa* 111
Atelopodinae 19
atelopoides, *Andinophryne* 19, 23
atelopoides, *Bufo* 19, 23
Atelopus 2, 19, 30
Atelopus echeverii 20, 21
Atelopus ignescens 21
Atelopus minutulus 20
Atelopus mucubajensis 21
Atelopus muisca 21
Atelopus nicefori 21
Atelopus pernambucensis 19, 21, 30
Atelopus peruensis 21
Atelopus pictiventris 21
Atelopus pinangoi 21
Atelopus planispinus 21
Atelopus rugulosus 21, 22
Atelopus sanjosei 21
Atelopus subornatus 21
Atelopus tamaense 22
Atelopus tricolor 21
aterrima, *Nelsonophryne* 201, 204

- aterrimum*, *Glossostoma* 201, 204
aterrimus, *Dicamptodon* 299
atkinsi, *Eleutherodactylus* 134
atkinsi estradai,
Eleutherodactylus 135
atkinsi orientalis,
Eleutherodactylus 135
Atopophryne 5, 53, 130, 174
Atopophryne syntomopus 53, 130
atrata, *Ololygon* 97
atrata, *Scinax* 97
atratus, *Eleutherodactylus* 135
attenuatus, *Scolecophorus* 315
Atympanophrys 8, 212, 214
Atympanophrys shapingsensis 212, 214
aubreyi, *Leptopelis* 120
Aubria 10, 240, 243
Aubria masako 240
audanti, *Eleutherodactylus* 135
audax, *Centrolene* 34, 39
audax, *Centrolenella* 34, 39
augusti, *Eleutherodactylus* 135, 174
augusti, *Hylactophryne* 135, 174
aurantiaca, *Mantella* 182
aurantiaca, *Rana* 253
aurantium, *Philautus* 289
aurata, *Hyla* 96, 97
aurata, *Ololygon* 86, 97
aurata, *Scinax* 86, 97
aureoguttata, *Centrolenella* 49
aureoguttatum,
Hyalinobatrachium 49
aureolus, *Plethodon* 304
aureomaculata, *Gastrotheca* 71
aureus, *Afrixalus* 113
auriculatoides,
Eleutherodactylus 135
auriculatus, *Eleutherodactylus* 135
aurifasciatus, *Hyla* 289
aurifasciatus, *Philautus* 289, 291, 292
aurilegulus 135
aurora, *Rana* 250, 253
Aurorana 250, 253, 255, 272
australis, *Bombinator* 209
avia, *Plectrohyla* 92
azueroensis, *Eleutherodactylus* 135
azulae, *Centrolenella* 43
azulae, *Cochranella* 43
azureiventris, *Dendrobates* 62
azureiventris, *Phyllobates* 62
B
babax, *Eleutherodactylus* 135
babax, *Hylodes* 124
Babina 250, 262, 276
bacchus, *Eleutherodactylus* 135
bagrecitoi, *Phrynomys* 175
bahiana, *Phyllomedusa* 111
bakeri, *Eleutherodactylus* 133, 136, 138, 167
Baleophryne 3, 67
Baleophryne muletensis 67, 68
Balebreviceps 7, 193
Balebreviceps hillmai 193
baleensis, *Ericabatrachus* 232
balionota, *Centrolenella* 39, 43
balionota, *Cochranella* 39, 43
balionotus, *Eleutherodactylus* 136
ballux, *Centroele* 35
ballus, *Centrolenella* 35
baluensis, *Ingerana* 220, 245
baluensis, *Kalophrynus* 201
baluensis, *Micrixalus* 220, 245
baluensis, *Occidozyga* 229, 230
baluensis, *Phrynoglossus* 229, 230
baluensis, *Rhacophorus* 293
bankorensis, *Bufo* 23
baramica, *Rana* 253
barbouri, *Ambystoma* 298
barbouri, *Platypelis* 195
Barbourula 3, 68
Barbourula busangensis 68
Barbourula busuangensis 68
Bargenys 6
barlagnei, *Eleutherodactylus* 136
barmoachensis, *Rana* 253
bartonsmithi, *Eleutherodactylus* 136
Barycholos 6, 129
baryecus, *Eleutherodactylus* 136
bassleri, *Dendrobates* 59, 66
bassleri, *Phobobates* 59, 66
Batrachophryne 6, 130
Batrachophryne microstomus 130
Batrachoseps 11
Batrachoseps simatus 302
Batrachuperus 11, 299, 301
Batrachuperus gorganensis 299, 301
Batrachuperus karlschmidti 299
Batrachuperus longdongensis 300
Batrachuperus pinchonii 300
Batrachuperus tibetanus 300
Batrachyla 6, 130
Batrachyla leptopus 130
Batrachylodes 10
batrachylus, *Eleutherodactylus* 136
Batrachytarsophrys 8, 212, 213
Batrachytarsophrys carinensis 212, 213
baudinii, *Hyla* 105
baumgardneri, *Ololygon* 87, 97
baumgardneri, *Scinax* 87, 97
bearsei, *Eleutherodactylus* 136
beddomei, *Ichthyophis* 314
beddomii, *Bufo* 23
beddomii, *Indirana* 281
beddomii, *Nannobatrachus* 246, 283
beddomii, *Nyctibatrachus* 246, 283
beddomii, *Philautus* 289
beddomii, *Polypedates* 281
beddomii, *Rana* 221, 253, 281
benguellensis, *Hyperolius* 115, 116
benitezi, *Hyla* 78
berdmorei, *Microhyla* 202, 203
bergeri, *Centrolenella* 39, 49
bergeri, *Hyalinobatrachium* 39, 49
berkenbuschii, *Eleutherodactylus* 136
berlandieri 254
bernali, *Eleutherodactylus* 136
berthae, *Ololygon* 87, 97
berthae, *cinax* 87, 97
bertini, *Mantidactylus* 184
betsileanus, *Mantidactylus* 184
betsileo, *Heterixalus* 115
betsileo, *Mantella* 182, 183
bhagmandlensis, *Rana* 253, 254
bibroni, *Pleurodema* 128
bicalcaratus, *Mantidactylus* 184
bicolor, *Eleutherodactylus* 136
bicolor, *Litoria* 106
bicolor, *Phyllobates* 67
bicolor, *Rana* 110
bicimulus, *Eleutherodactylus* 136
bifasciatus, *Brachymerus* 205
bifasciatus, *Phrynomantis* 205
bifasciatus, *Phrynomerus* 205
bifurca, *Hyla* 78
biligonigerus, *Physalaemus* 127
bilineata, *Rana* 254, 277
bilineatus, *Eleutherodactylus* 136
bilinguis, *Epipedobates* 62
bimaculata, *Leptomantis* 293
bimaculatus, *Philautus* 289, 293
bimaculatus, *Rhacophorus* 289, 293
binotatus, *Eleutherodactylus* 137
biolat, *Dendrobates* 59

- biporcatus*, *Eleutherodactylus* 137, 167
biporus, *Mantidactylus* 184, 188
bipunctata, *Plethodontohyla* 194, 196
bipunctatus, *Mantipus* 194, 196
bipunctatus, *Rhacophorus* 293
bisacculus, *Rhacophorus* 293
bisidanae, *Bufo* 23
bislineata, *Eurycea* 302, 303
bislineata wilderae, *Eurycea* 302, 303
bivittata, *Schoutedenella* 14, 17
bivittatus, *Arthroleptis* 14, 16, 17
blairi, *Oloolygon* 87, 97
blairi, *Rana* 254
blairi, *Scinax* 87, 97
blanci, *Mantidactylus* 184, 185
blanfordii, *Bufo* 23, 27, 29
blanfordii, *Paa* 247, 254
blanfordii, *Rana* 247, 254
blombergi, *Bufo* 23
blommersae, *Mantidactylus* 184
Blommersia 183, 184, 185, 186, 187, 188
blythii, *Limnoneustes* 222, 254
blythii, *Rana* 222, 254
boans, *Hyla* 78, 85
bocagii, *Leptopelis* 120, 121
bockermanni, *Eleutherodactylus* 137
boconensis, *Eleutherodactylus* 137
bocourti, *Eleutherodactylus* 137
bocourti, *Hyla* 78
boehmei, *Boophis* 286
boesemani, *Oloolygon* 87, 97
boesemani, *Scinax* 87, 97
boettgeri, *Cacosternum* 232
boettgeri, *Callulops* 189, 190
boettgeri, *Heterixalus* 115
boettgeri, *Phrynomantis* 189, 190
boettgeri, *Xenopus* 216
bogotensis, *Eleutherodactylus* 137
bogotensis, *Hyla* 79, 81, 84
boiei, *Proceratophrys* 176
bokermanni, *Cochranella* 50
bokermanni, *Crossodactylus* 124
bokermanni, *Physalaemus* 127
bolbodactylus, *Eleutherodactylus* 137
Bolitoglossa 11, 304
Bolitoglossa compacta 302
Bolitoglossa diminuta 302
Bolitoglossa epimela 302
Bolitoglossa gracilis 302
Bolitoglossa lincolni 302
Bolitoglossa resplendens 302
Bolitoglossa subpalmata 302
boliviana, *Pseudopaludicola* 128
bolivianus, *Dendrobates* 59, 62
bolivianus, *Epipedobates* 59, 62
bolivianus, *Pseudopaludicola* 128
bombetes, *Dendrobates* 59, 65
bombetes, *Minyobates* 59, 65, 66
bombiens, *Cophixalus* 198
bombifrons, *Scaphiopus* 215
Bombina 3, 68
Bombina bombina 68
Bombina fortunipialis 68
Bombina maxima 68
Bombina microdeladigitora 68
Bombina orientalis 68
Bombina variegata 68
bombina, *Bombina* 68
bombina, *Rana* 68
Bombinator australis 209
Bombinator sikimensis 214
Bombinator 67
Bombinatoridae 67
bonaspei, *Rana* 254, 281
bonaspei, *Strongylopus* 254, 281
Boophis 10, 286
Boophis boehmei 286
Boophis brachychir 286, 287
Boophis brygoi 286
Boophis callichromus 286
Boophis difficilis 286, 287, 288
Boophis erythrodactylus 285
Boophis goudotii 286, 287, 288
Boophis granulatus 287
Boophis hyloides 287
Boophis jaegeri 287
Boophis laurenti 286, 287
Boophis leucomaculatus 186, 287
Boophis luteus 287
Boophis madagascariensis 286, 287
Boophis major 287
Boophis mandraka 287
Boophis microtis 287
Boophis microtypanum 287, 288
Boophis miniatus 288
Boophis opistodon 288
Boophis rappiodes 288
Boophis reticulatus 288
Boophis rhodoscelis 288
Boophis tephraeomystax 287
Boophis untersteini 288
Boophis viridis 288
Boophis williamsi 288
borbonica, *Leptophryne* 31
borealis, *Micrixalus* 221, 245
borealis, *Phrynoglossus* 230, 245
borneensis, *Microhyla* 202
bornmuelleri, *Crotaphatrema* 315
bornmuelleri, *Scolecophorus* 315
boulengeri, *Cryptobatrachus* 70
boulengeri, *Dendrobates* 59
boulengeri, *Eleutherodactylus* 137
boulengeri, *Epipedobates* 59
boulengeri, *Mantidactylus* 184
boulengeri, *Hynobius* 300
boulengeri, *Oloolygon* 87, 98
boulengeri, *Paa* 247, 254
boulengeri, *Pachypalaminus* 300, 301
boulengeri, *Phlyctimantis* 119, 120
boulengeri, *Rana* 247, 254
boulengeri, *Rhacophorus* 287
boulengeri, *Scinax* 87, 98
boulengeri, *Scutiger* 214, 215
Boulengerula 12
bourgati, *Mantidactylus* 184, 185
bourreti, *Paa* 247
bourreti, *Rana* 247
Bourretia 221–228
boylii, *Rana* 250, 254
brachiofasciatus, *Hyperolius* 115
brachistriatus, *Colostethus* 54
Brachycephalidae 2, 19
Brachycephalus 2, 19
Brachycephalus ephippium 19
Brachycephalus nodoterga 19
brachychir, *Boophis* 286, 287
brachycnemis, *Afraxalus* 113, 114
brachydactylum, *Hemisus* 69
brachydactylus, *Hemisus* 69
Brachymerus 205
Brachymerus bifasciatus 204
brachyphona, *Pseudacris* 94
Brachytarsophrys 8
brachytarsus, *Indirana* 254, 281
brachytarsus, *Rana* 254, 281
bracki, *Phrynomus* 175
Bradytriton 11
bransfordii, *Eleutherodactylus* 137
brasiliensis, *Euparkerella* 173
brasiliensis, *Luetkenotyphlus* 313, 314
brasiliensis, *Lutkenotyphlus* 313
Brasilotyphlus 12
brauni, *Mantidactylus* 184
bresslerae, *Eleutherodactylus* 137
Brevicipinae 7, 193
Breviceps 7, 193
Breviceps adpersus 193

- Breviceps maculatus* 193
Breviceps mossambicus 193
Breviceps poweri 193
Breviceps verrucosus 194
breviceps, *Rana* 284
breviceps, *Tomopterna* 284
breviceps rolandae, *Tomopterna* 284
brevifrons, *Eleutherodactylus* 137
brevipalmata, *Rana* 222, 254
brevipalmatus, *Limnonectes* 222, 254
brevipalmatus, *Mantidactylus* 183, 184
brevipes, *Pachytriton* 310
brevipoda, *Rana* 254, 272
brevipoda brevipoda, *Rana* 272
brevipoda porosa, *Rana* 272
breviquartus, *Colostethus* 54
brevirostris, *Eleutherodactylus* 137
brevirostris, *Phyllodyes* 92
brevis, *Calophrynus* 207
brevis, *Scaphiophryne* 207
briceni, *Eleutherodactylus* 137
brimleyi, *Pseudacris* 94
brittoni, *Eleutherodactylus* 137
broadleyi, *Leptopelis* 120, 121
broadleyi, *Ptychadena* 236
brocchi, *Eleutherodactylus* 137
bromeliaceus, *Eleutherodactylus* 137
brownorum, *Rana* 254
brunoi, *Aparasphenodon* 75
brygooi, *Boophis* 286
brygooi, *Rhacophorus* 287
Brygoomantis 183, 184, 185, 187, 188
buckleyi, *Centrolene* 35, 39, 40
buckleyi, *Centrolenella* 35, 39
buckleyi, *Eleutherodactylus* 137
Buergeria 10, 285
Buergeriinae 10, 285
Bufonidae 2, 19
Bufoninae 19
Bufo 2, 22
Bufo ailaoanus 22
Bufo americanus 22, 30
Bufo americanus charlesmithi 22
Bufo americanus copei 22
Bufo anderssoni 22
Bufo andrewsi 22
Bufo angusticeps 26
Bufo antecessor 30
Bufo arabicus 27
Bufo arborescens 22
Bufo arunco 23, 24
Bufo asmarae 23
Bufo atelopoides 19, 23
Bufo bankorensis 23
Bufo beddomii 23
Bufo bisidanae 23
Bufo blanfordii 23, 27, 29
Bufo blombergi 23
Bufo bufo 22, 23, 29
Bufo caeruleocellatus 23
Bufo caeruleostictus 23, 24
Bufo camerunensis 24
Bufo camortensis 24
Bufo castaneoticus 24
Bufo chanchanensis 23, 24, 26
Bufo chilensis 23, 24
Bufo conifer 25
Bufo coniferus 25
Bufo copei 22
Bufo corynetes 24
Bufo cristiglans 24
Bufo crucifer 24
Bufo cruciger 24
Bufo damaranus 25
Bufo danatensis 24
Bufo danielae 27
Bufo dodsoni 25
Bufo dombensis 25
Bufo dombensis damaranus 25
Bufo echinodes 25
Bufo fenoulheti 25, 29
Bufo formosus 26
Bufo fowleri 30
Bufo fowleri fowleri 30
Bufo fuliginatus 25
Bufo funereus 25
Bufo gabbi 25
Bufo gallardoi 25
Bufo gargarizans 25
Bufo gariensis gariensis 26
Bufo gariensis nubicolus 26
Bufo garmani 23, 25
Bufo glaberrimus 25
Bufo gnustae 25
Bufo guttatus 24
Bufo gutturalis 25, 27
Bufo haematiticus 26
Bufo hobarti 30
Bufo hoeschi 26
Bufo hololius 26
Bufo hypomelas 26
Bufo inyangae 26
Bufo intermedius 26
Bufo japonicus 26
Bufo jordani 26
Bufo kavangensis 25
Bufo kerinyagae 25
Bufo langanoensis 25
Bufo latifrons 24, 27
Bufo leptoscelis 27, 29
Bufo lindneri 27
Bufo maculatus 27
Bufo marinus 27
Bufo mauritanicus 27
Bufo melanopleura 27, 29
Bufo melanostictus 24, 27
Bufo minshanicus 27
Bufo ngamiensis 27
Bufo oblongatus 24
Bufo obstetricans 67
Bufo orientalis 27
Bufo osgoodi 33
Bufo pardalis 28
Bufo pentoni 28
Bufo peripatetes 28
Bufo periglenes 28
Bufo planiorum 30
Bufo poeppigii 27, 28
Bufo poweri 28
Bufo pseudogarmani 28
Bufo pusillus 27
Bufo reesi 28
Bufo regularis 26, 28
Bufo regularis ngamiensis 26
Bufo regularis pardalis 24
Bufo rumbolli 28
Bufo schmidt 27, 28
Bufo spinulosus 23, 24, 29
Bufo stomaticus 29
Bufo superciliaris 29
Bufo taitanus 27, 29
Bufo tibetanus 29
Bufo tuberculatus 22
Bufo turkanae 29
Bufo typhonius 24, 29
Bufo uzunguensis 29
Bufo valhallae 29
Bufo vellardi 29
Bufo veraguensis 23, 25, 27, 29
Bufo verrucoissimus 29
Bufo vertebralis 25, 26, 29
Bufo vertebralis grindleyi 25
Bufo villiersi 30
Bufo viridis 22, 24, 29
Bufo viridis unicolor 24
Bufo vittatus 30
Bufo woodhousei 30
Bufo woodhousii 30
Bufo woodhousii velatus 30
Bufo xeros 30
bufo, *Bufo* 22, 23, 29
Bufoides 2
bufona, *Gastrotheca* 71
bufonia, *Megaelosia* 125
bufoniformis, *Eleutherodactylus* 138
bufoniformis, *Osornophryne* 32
bufonina, *Pleurodema* 128
bufoninum, *Pleurodema* 128
buoderma, *Ptychadena* 236

burmeisteri, *Phyllomedusa* 111
busangensis, *Barbourula* 68
busuangensis, *Barbourula* 68
butleri, *Microhyla* 202
bwana, *Rana* 255

C

cabrerae, *Eleutherodactylus* 138
cacao, *Eleutherodactylus* 138
Cacosternum 9
Cacosternum boettgeri 232
Cacosternum capense 232
Cacosternum namaquense 232
Cacosternum poyntoni 232
Cacosternum striatus 232
cadaverina, *Hyla* 77, 78, 94
cadaverina, *Pseudacris* 78, 94
cadenai, *Eleutherodactylus* 138
Caecilia 12
Caecilia glutinosus 314
Caecilia marcusii 312
Caeciliidae 12, 312
Caeciliinae 312
caerulea, *Litoria* 106, 108, 109
caerulea, *Pelodytes* 106, 108
caerulea, *Rana* 108
caeruleocellatus, *Bufo* 23
caeruleostictus, *Bufo* 23, 24
cainarachi, *Epipedobates* 63
caingua, *Hyla* 78
cajamarcensis,
Eleutherodactylus 138
calcadensis, *Rhacophorus* 293
calcanes, *Rhacophorus* 293
calcarata, *Hyla* 78
calcarata, *Scaphiophryne* 206,
 207
calcaratus, *Eleutherodactylus*
 138
calcaratus, *Leptopelis* 122
calcaratus meridionalis,
Leptopelis 121
calcaratum, *Pseudohemistis* 206,
 207
calcaratus, *Phrynobatrachus* 234
calcarulatus, *Eleutherodactylus*
 138
caldarum, *Hyla duartei* 98
caldarum, *Scinax* 98
caldwelli, *Rana* 255
callichromus, *Boophis* 286
callichromus, *Rhacophorus* 286
callidryas, *Hyla* 109
callipeza, *Hyla* 78
callipygia, *Hyla* 77, 79
Callixaus 5
Calophrynus brevis 207
Calluella 7

Callula variegata 204
Callulina 7
Callulops 6, 188, 189, 190
Callulops boettgeri 188
Callulops doriae 188, 189, 193
Callulops dubia 189
Callulops eurydactyla 189
Callulops fusca 189
Callulops glandulosa 189
Callulops humicola 189
Callulops kopsteini 189
Callulops personata 189
Callulops robusta 189
Callulops slateri 189
Callulops stictigaster 189
Callulops wilhelmana 190
Calyptahyla 4, 75, 92
camerani, *Rana* 255
cameronensis, *Petroedetes* 233
camerunensis, *Bufo* 24
camortensis, *Bufo* 24
canastrensis, *Oloolygon* 87, 98
canastrensis, *Scinax* 87, 98
cancrivora, *Rana* 222, 255
Cancrivorus, *Limnodynastes* 222
capense, *Cacosternum* 232
Capensibufo 2
Capensibufo tradouwi 30
capensis, *Microbatrachella* 232
capitulata, *Uperoleia* 210
caprifer, *Eleutherodactylus* 138
Cardioglossa 2, 14
Cardioglossa melanogaster 17
Cardioglossa pulchra 17
Cardioglossa schioetzi 17
Cardioglossa trifasciata 17
cardosoi, *Oloolygon* 98
cardosoi, *Scinax* 98
caribe, *Eleutherodactylus* 138
carinensis, *Batrachotarsophrys*
 212, 213
carinensis, *Megophrys* 212, 213
carmelita, *Eleutherodactylus*
 138
carnevallii, *Oloolygon* 98
carnevallii, *Scinax* 98
Carpophrys 213
carvalhoi, *Eleutherodactylus* 138
carvalhoi, *Pipa* 216
carrillae, *Telmatobius* 179
caryophyllaceus,
Eleutherodactylus 138
cascadeae, *Rana* 255
cascadeae, *Rhyacotriton* 308
Cassina obscura 119
castaneoticus, *Bufo* 24
castaneoticus, *Dendrobates* 59
catesbeiana, *Rana* 250, 255
catharinae, *Hyla* 98
catharinae, *Oloolygon* 87, 98

catharinae, *Scinax* 87, 97, 98,
 101, 102, 103
catharinae alcatraz, *Hyla* 96
catracha, *Hyla* 79
caucasicus, *Exaeretis* 310
Caudacaecilia 13
Caudata 10, 13, 298
Caudiverbera 6, 130
Caudiverbera peruviana 130
caudiverbera, *Lacerta* 130
caudopunctatus, *Paramesotriton*
 310
caudopunctatus, *Trituroides* 310
cavernicola, *Eleutherodactylus*
 138
cavia, *Gastrotheca* 71
cavicola, *Hyla* 77, 79
cavirostris, *Rhacophorus* 294
cavitympanum, *Amolops* 241
celator, *Eleutherodactylus* 139
celebensis, *Occidozyga* 229, 230
celebensis, *Phrynoglossus* 229,
 230
celebensis, *Rana* 255
Centrolene 3, 34, 38
Centrolene acanthidiocephalus
 34
Centrolene altitudinalis 34, 38
Centrolene andinum 34, 38
Centrolene antioquiensis 34, 38
Centrolene audax 34, 39
Centrolene ballux 35
Centrolene buckleyi 35, 39, 40
Centrolene geckoideum 34, 35,
 36
Centrolene gemmatum 35
Centrolene gorzulai 35
Centrolene grandisonae 35, 40
Centrolene helodermatum 35
Centrolene gemmatum 35
Centrolene gorzulai 35
Centrolene grandisonae 35, 40
Centrolene helodermatum 35
Centrolene hesparium 36
Centrolene hybrida 36
Centrolene ilex 36, 40
Centrolene lentiginosum 36
Centrolene lynchi 36, 40
Centrolene medemi 36, 40
Centrolene notostictum 37
Centrolene paezorum 37
Centrolene peristictum 35, 36,
 37, 41
Centrolene petrophilum 37
Centrolene pipilatum 37, 41
Centrolene prosoblepon 34, 35,
 36, 37, 41
Centrolene sanchezi 37
Centrolene savagei 38
Centrolene scirtetes 38

- Centrolene tayrona* 38
Centrolenella 3, 38, 42
Centrolenella acanthidiocephala 34
Centrolenella albomaculata 38, 43
Centrolenella albotunica 38
Centrolenella altitudinalis 34, 38
Centrolenella ametarsia 43
Centrolenella andina 34, 38
Centrolenella anomala 38, 43
Centrolenella antioquiensis 34, 38
Centrolenella antisthenesi 38, 49
Centrolenella audax 34, 39
Centrolenella aureogutata 49
Centrolenella azulae 43
Centrolenella balionota 39, 43
Centrolenella ballux 35
Centrolenella bejaranoi 39, 43
Centrolenella bergeri 39, 49
Centrolenella buckleyi 35, 39
Centrolenella chirripoi 39, 49
Centrolenella cochranae 39, 44
Centrolenella colymbiphyllum 39, 49
Centrolenella dubia 39
Centrolenella duranti 50
Centrolenella euhystrix 44
Centrolenella euknemos 39, 44
Centrolenella eurygnatha 39, 50
Centrolenella flavidigitata 44
Centrolenella flavopunctata 39, 44
Centrolenella fleischmanni 39, 49, 50
Centrolenella fragilis 50
Centrolenella geijskesi 39, 45
Centrolenella gemmata 35
Centrolenella gorzulai 35
Centrolenella grandisonae 35, 40
Centrolenella granulosa 40, 45
Centrolenella griffithsi 40, 45
Centrolenella helenae 45
Centrolenella helodermata 35, 36
Centrolenella hesperia 36
Centrolenella iaspidiensis 50
Centrolenella ignota 45
Centrolenella ilex 36, 40
Centrolenella johnelsi 40
Centrolenella lentiginosa 36
Centrolenella loreocarinata 50
Centrolenella lutzorum 40
Centrolenella lynchi 36, 40
Centrolenella mariae 40, 45, 47
Centrolenella medemi 36, 40
Centrolenella megacheira 40, 45, 46
Centrolenella megistra 46
Centrolenella midas 40, 46
Centrolenella munozorum 40, 51
Centrolenella ocellata 40, 46
Centrolenella ocellifera 40, 46
Centrolenella orejuela 46
Centrolenella orientalis 41, 51
Centrolenella orocostilis 41, 51
Centrolenella ostracodermoides 51
Centrolenella oyampiensis 41, 47
Centrolenella pallida 51
Centrolenella parvula 41, 51
Centrolenella pellucida 41, 51
Centrolenella peristicta 37, 41
Centrolenella petropolitana 41
Centrolenella phenax 41, 47
Centrolenella pipilata 37, 41
Centrolenella pleurolineata 52
Centrolenella pluvialis 41, 47
Centrolenella prasina 41, 47
Centrolenella prosoblepon 37, 41
Centrolenella pulverata 41, 52
Centrolenella puyoensis 47
Centrolenella resplendens 41, 47, 48
Centrolenella revocata 52
Centrolenella ritae 42, 48
Centrolenella riveroi 48
Centrolenella savagei 38
Centrolenella siren 42, 48
Centrolenella spiculata 42, 48, 49
Centrolenella spinosa 42, 48
Centrolenella talamancae 42, 52
Centrolenella taylori 42, 52
Centrolenella truebae 42, 49
Centrolenella uranoscopa 42, 52
Centrolenella vanzolinii 42
Centrolenella valerioi 42, 53
Centrolenella vireovittata 42, 53
Centrolenidae 3, 34
cerasinus, Eleutherodactylus 139
cerastes, Eleutherodactylus 139
Ceratobatrachini 218
Ceratobatrachus 9, 218, 243
ceratophyes, Pseudopaludicola 128
Ceratophryinae 5, 122, 123
Ceratophrys 5, 123
Ceratophrys cornuta 123
Ceratophrys cranwelli 123
Ceratophrys joazeirensis 123
Ceratophrys ornata 123
Ceratophrys testudo 123
Ceratophrys varius 123
cevallosi, Colostethus 54
ceylanicus, Hoplobatrachus 219, 221
chac, Eleutherodactylus 139
Chacophrys 5, 123
Chacophrys pierotti 123
chakrapanii, Microhyla 202
chalazodes, Philautus 289
chalceus, Eleutherodactylus 139
chalconota, Rana 250, 255, 273
chalconota raniceps, Rana 255
Chalcorana 250, 252, 255, 257, 259, 262, 264, 266, 267, 273
chamulae, Duellmanohyla 76
chanchanensis, Bufo 23, 24, 26
chaochiaensis, Rana 255
chapaensis, Amolops 241
chapaensis, Hylarana 241
chapaensis, Rana 241, 255
Chaparana 10, 244, 251
Chaparana aenea 244, 252
Chaparana delacouri 244, 257
Chaparana fansipani 244, 259
Chaparana quadranus 244, 273
Chaparana sikimensis 244, 275
Chaparana unculuanus 244, 279
Chaperina 7
charadranaetes, Hylodes 124
charlesmithi, Bufo americanus 22
chattahoochee, Plethodon 305
chayuensis, Paa 247
chayuensis, Rana maculosa 247
cheiroplethus, Eleutherodactylus 139
chenfui, Rhacophorus 294, 297
chensinensis, Rana 252, 256, 258, 272
chevronta, Rana 256
Chiasmocleis 7, 200
chiasonotus 139
chilensis, Bufo 23, 24
chimboae, Hyla 142
chinensis, Hynobius 300
chinensis, Paramesotriton 310
chinensis, Trituroides 310
chinhaiensis, Echinotriton 310, 311
chinhaiensis, Tylototriton 310, 311
chintingensis, Scutiger 215
Chioglossa 12
chiquitana, Ololygon 98
chiquitana, Scinax 98
chirichuensis, Rana 256
Chirixalus 10
Chirixalus idiootocus 288
Chiromantis 10, 288
Chiromantis rufescens 288
Chiromantis xerampelina 288
Chiropterotriton 11
chirripoi, Centrolenella 39, 49
chirripoi, Hyalinobatrachium 39, 49
chloris, Litoria 106

- chlorobryonis*, *Plethodon* 305
Chlorolius 5, 112, 114
Chlorolius koehleri 114, 116
chloronotus, *Eleutherodactylus* 139
chlorophenax, *Eleutherodactylus* 139
chlorosoma, *Eleutherodactylus* 139
chlorostea, *Hyla* 79
chocoensis, *Colostethus* 54, 56
Choerophryne 7
chosenica, *Rana* 256
chosenica, *Rana nigromaculata* 256
christiani, *Gastrotheca* 71
christyi, *Ptychadena* 236
Chrysobatrachus 5, 114
Chrysobatrachus cupreonitens 114
chrysogaster, *Hyperolius* 115
chrysogaster, *Ptychadena* 236
chrysogaster guibei, *Ptychadena* 237
chrysophorus, *Atelophryniscus* 20
chrysoprasina, *Ranula* 251
chrysosticta, *Gastrotheca* 71
chrysozetes, *Eleutherodactylus* 139
Chthonerpeton 13
Chthonerpeton corrugatum 315, 316
Chthonerpeton erugatum 316
Chthonerpeton exile 316
Chthonerpeton helmichi 316
Chthonerpeton indistinctum 315, 316
Chthonerpeton onorei 316
Chthonerpeton perrisodus 316
chunganensis, *Amolops* 241
cicida, *Physalaemus* 127
cinerea, *Hyla* 79
cinerea, *Pleurodema* 128
cinereum, *Pleurodema* 128
cinereus, *Lithodytes* 145
circumdata, *Hyla* 80
cirrigera, *Eurycea* 302, 303
Cirrigera, *Salamandra* 303
cisternasii, *Alytes* 67
citricola, *Colostethus* 54
citriogaster, *Eleutherodactylus* 140
citropa, *Litoria* 107
clamitans, *Rana* 256
clarkei, *Afraxalus* 113
clarkii, *Pseudacris* 94
Clinotarsus 250, 257
cochranae, *Centrolenella* 39, 44
cochranae, *Cochranella* 39, 43
cochranae, *Eleutherodactylus* 140, 163
cochranae, *Euparkerella* 173
cochranae, *Phasmahyla* 109, 111
cochranae, *Phyllomedusa* 109, 111
Cochranella 3, 42
Cochranella adiazeta 42
Cochranella albomaculata 38, 43
Cochranella albotunica 52
Cochranella ametarsia 43
Cochranella anomala 38, 43
Cochranella azulae 43
Cochranella balionota 39, 43
Cochranella bejaranoi 39, 43
Cochranella bokermanni 50
Cochranella cochranae 39, 43, 44
Cochranella daidalea 44
Cochranella delicatissima 50
Cochranella divaricans 50
Cochranella dubia 52
Cochranella duidaensis 44
Cochranella euhystrix 44
Cochranella euknemos 39, 44
Cochranella flavidigitata 44
Cochranella flavopunctata 39, 44
Cochranella geijskesi 39, 45
Cochranella granulosa 40, 44, 45, 46, 47, 48
Cochranella griffithsi 40, 45
Cochranella helenae 45
Cochranella ignota 45
Cochranella lutzorum 52
Cochranella mariae 40, 45, 47
Cochranella megacheira 40, 45, 46
Cochranella megistra 46
Cochranella midas 40, 46
Cochranella nephelophila 46
Cochranella ocellata 40, 43, 44, 45, 46, 47, 48, 49
Cochranella ocellifera 40, 46
Cochranella orejuela 46
Cochranella oreonympha 46
Cochranella oyampiensis 41, 47
Cochranella petropolitana 50
Cochranella phenax 41, 47
Cochranella pluvialis 41, 47
Cochranella prasina 41, 47
Cochranella puyoensis 47
Cochranella ramirezi 47
Cochranella resplendens 41, 46
Cochranella ritae 42, 48
Cochranella riveroisi 48
Cochranella savagei 48
Cochranella siren 42, 48
Cochranella solitaria 48
Cochranella spiculata 42, 48
Cochranella spinosa 42, 48
Cochranella surda 50
Cochranella truebae 42, 49
Cochranella vanzolinii 52
collaris, *Colostethus* 54, 64
collaris, *Mannophryne* 54, 64
Colodactyli 67
colodactylus, *Eleutherodactylus* 140
colomai, *Andinophryne* 19
colonnelloi, *Dischidodactylus* 131
Colostethus 3, 53
Colostethus agilis 54
Colostethus alacris 54
Colostethus alboguttatus 54, 55
Colostethus brachistriatus 54
Colostethus brevipartitus 54
Colostethus cevallosi 54
Colostethus chocoensis 54, 56
Colostethus citricola 54
Colostethus collaris 54, 64
Colostethus dunni 55
Colostethus duranti 55
Colostethus exasperatus 55
Colostethus faciopunctulatus 55
Colostethus fallax 55
Colostethus fuliginosus 56
Colostethus guatapoensis 55
Colostethus humilis 55
Colostethus idiomelus 55
Colostethus inflexus 54, 55
Colostethus jacobuspetersi 55
Colostethus lacrimosus 56
Colostethus leopardalis 56
Colostethus maculosus 56
Colostethus marmoreoventris 56
Colostethus mayorgai 56
Colostethus mediamidi 56
Colostethus mittermeieri 56
Colostethus molinari 56
Colostethus mystax 56
Colostethus neblina 56, 64
Colostethus nexipus 57
Colostethus oblitteratus 65
Colostethus olmoni 57, 65
Colostethus orostoma 57
Colostethus paradoxus 64
Colostethus parvus 57
Colostethus peculiaris 57
Colostethus pinguis 57
Colostethus poecilonotus 57
Colostethus pumilus 57
Colostethus riveroisi 57, 65
Colostethus saltuensis 57
Colostethus sanmartini 58
Colostethus serranus 58
Colostethus shuar 58
Colostethus stepheni 58
Colostethus tergogranularis 58
Colostethus thornntoni 58

- Colostethus torrenticola* 58
Colostethus trilineatus 58
Colostethus trinitatis 58, 64, 65
Colostethus yustizi 64, 65
colostichos, *Eleutherodactylus* 140
colymbiphyllum, *Centrolenella* 39, 49
colymbiphyllum, *Cochranella* 39, 49
compacta, *Bolitoglossa* 302
conaeensis, *Paa* 247, 256
conaeensis, *Rana* 247, 256
concolor, *Leptopelis* 120, 121
condor, *Eleutherodactylus* 140
confusionis, *Siphonops* 313, 314
conifer, *Bufo* 25
coniferus, *Bufo* 25
Conrauii 218
Conraui 9, 218, 244
conspicillatus, *Eleutherodactylus* 140, 145, 157
contulmoensis, *Eupsophus*
convexus, *Scolecophorus* 315
cooki, *Eleutherodactylus* 140
cooperi, *Ptychadena* 236
copei, *Bufo* 22
copei, *Bufo americanus* 22
Copeotyphlinus 12, 312, 313
Copeotyphlinus syntremus 312, 313
Cophixalus 7, 198
Cophixalus bombiens 198
Cophixalus crepitans 199
Cophixalus hosmeri 199
Cophixalus infacetis 199
Cophixalus mcdonaldi 199
Cophixalus pansus 198
Cophixalus peninsularis 199
Cophophryne alticola 214
Cophyla 7, 194
Cophylinae 7, 194
Copiula 7
Copiula oxyrhina 199
Copiula oxyrhinus 199
Copiula pipiens 199
Copiula tyleri 199
coqui, *Eleutherodactylus* 140
cordofana, *Rana* 256
coreana, *Rana nigromaculata* 256
coreana, *Rana temporaria* 256
coriacea, *Phrynohyas* 92
cornii, *Euphyctis* 219, 256
cornii, *Rana* 219, 256
Cornufer tenasserimensis 220, 221
Cornufer xizangensis 220
cornuta, *Ceratophrys* 123
cornuta, *Gastrotheca* 71
cornuta, *Rana* 123
cornutus annulatus,
Phrynobatrachus 233
cornutus, *Eleutherodactylus* 140
cornutus, *Mantidactylus* 184
cornutus, *Phrynobatrachus* 233
corona, *Eleutherodactylus* 140
corrugata, *Rana* 222, 256, 260
corrugatum, *Chthonerpeton* 315, 316
corrugatus, *Limnonectes* 222, 256
corynetes, *Bufo* 24
Corythomantis 4, 76
Corythomantis greeningi 76
cosnipatae, *Eleutherodactylus* 140
cotti, *Abrana* 236, 238
coudreaui, *Plethodontohyla* 196
cououspeus, *Eleutherodactylus* 140
cowani, *Mantella* 182
cowanii, *Platypelis* 195
cramwelli, *Ceratophrys* 123
Craspedoglossa 123
crassa, *Rana* 219, 256
crassa, *Uperoleia* 210
crassidigitus, *Eleutherodactylus* 140
crassiovis, *Rana* 257
crassus, *Hoplobatrachus* 219, 256
Craugastor 131, 133–173
cremnobates, *Eleutherodactylus* 141
crenunguis, *Eleutherodactylus* 141
Crepidophryne 3, 30
crepitans, *Cophixalus* 199
Crinia 8
cristatus, *Triton* 311
cristiceps, *Proceratophrys* 176
cristiglans, *Bufo* 24
cristinae, *Eleutherodactylus* 14
crocea, *Mantella* 182
croceoinguinis,
Eleutherodactylus 141
crombei, *Physalaemus* 127
crospedospila, *Ololygon* 87, 99
crospedospila, *Scinax* 87, 99
Crossodactylodes 6, 131
Crossodactylodes pintoii 131
Crossodactylus 5, 123, 124
Crossodactylus aeneus 124
Crossodactylus bokermanni 124
Crossodactylus dispar 124
Crossodactylus gaudichaudii 124
Crossodactylus schmidtii 124
Crossodactylus trachystomus 124
Crotaphatrema 13, 315
Crotaphatrema bornmuelleri 315
Crotaphatrema lamottei 315
crotalus, *Afraxalus* 113
crucialis, *Hyla* 76
crucifer, *Eleutherodactylus* 141, 151, 164
crucifer, *Hyla* 77, 79, 94
crucifer, *Bufo* 24
crucifer, *Pseudacris* 79, 94
cruciger, *Bufo* 24, 28
cruentomma, *Ololygon* 87, 99
cruentomma, *Scinax* 87, 99
cruentus, *Eleutherodactylus* 141
cruralis, *Eleutherodactylus* 141, 147
cruri, *Philautus* 290, 291
cruscula, *Schoutedenella* 15, 17
crusculum, *Arthroleptis* (*Arthroleptulus*) 15
crusculus, *Arthroleptis* 15, 17
cruzi, *Eleutherodactylus* 141
cryophilus, *Eleutherodactylus* 141
Cryptobatrachus 4, 70
Cryptobatrachus boulengeri 70
Cryptobranchidae 11
Cryptobranchius 11
cryptomelas, *Eleutherodactylus* 141
Cryptothylax 5
cryptotis, *Phrynobatrachus* 233
cryptotis, *Tomopterna* 284
Ctenophryne 7, 200
Ctenophryne marmorata 205
Ctenophryne minor 200
cuaquero, *Eleutherodactylus* 141
cubanus, *Eleutherodactylus* 141
cubitalis, *Rana* 257
cultripes, *Odontophrynus* 175
cundalli, *Eleutherodactylus* 141
cundalli glaucoreius,
Eleutherodactylus 146
cuneatus, *Eleutherodactylus* 142
cunhai, *Typhlonectes* 316
cupreonitens, *Chrysobatrachus* 114
curtipes, *Eleutherodactylus* 142
curtipes, *Rana* 250, 257
curtus, *Mantidactylus* 184, 185, 186
cuspidata, *Ololygon* 87, 99
cuspidata, *Scinax* 87, 99
cuvieri, *Physalaemus* 126
cyanophlyctis, *Euphyctis* 219, 257
cyanophlyctis, *Rana* 218, 219, 257, 260
Cycloramphinae 124
Cycloramphini 131, 181
Cycloramphus 6, 123, 131

Cycloramphus fuliginosus 131
Cycloramphus juimirim 131
Cycloramphus migueli 131
Cyclorana 4
Cyclorana maini 106
cylindracea, *Salamandra* 305
cylindraceus, *Plethodon* 305
cynnamomeus, *Leptopelis* 121
cynocephala, *Oloolygon* 87, 99
cynocephala, *Scinax* 87, 99
Cynops 12
Cynops pyrrhogaster 309
Cynops shataukokensis 309
cystignathoides,
Eleutherodactylus 142, 177
cystignathoides, *Syrhophus*
 142, 177
Cystignathus labialis 126
Cystignathus macroglossus 126
Cystignathus missiessii 180
Cystignathus nodosus 130
Cystignathus parvulus 181
Cystignathus roseus 173
Cystignathus vittatus 130

D

dabana, *Rana micrognathus* 222
dabanus, *Limnonectes* 222
daemeli, *Rana* 257
dahli, *Litoria* 106
daidalea, *Cochranella* 44
dalmatina, *Rana* 257
damaranus, *Bufo* 25
damaranus, *Bufo dombensis* 25
dammermani, *Limnonectes* 222
dammermani, *Rana microdisca*
 222
danae, *Eleutherodactylus* 142
danae, *Oloolygon* 99
danae, *Scinax* 99
danatensis, *Bufo* 24
danielae, *Bufo* 27
danieli, *Phyllomedusa* 111
danieli, *Rana* 257
darlingi, *Rana* 257
darlingtoni, *Eleutherodactylus*
 142
daryi, *Eleutherodactylus* 142
Dasypops 7
dasypus, *Plectrohyla* 92
dauchina, *Rana* 257
daulinia, *Smilisca* 105
daunchina, *Rana* 257
dayi, *Nyctimystes* 108
debussyi, *Rana* 257
decaryi, *Mantidactylus* 184, 185
deccanensis, *Nyctibatrachus* 283
decoratus, *Eleutherodactylus* 142
deimaticus, *Physalaemus* 127,
 128
delacouri, *Chaparana* 244, 257
delacouri, *Rana* 244, 257
delacruzii, *Eleutherodactylus* 168
delalandi, *Tomopterna* 284
delicatissima, *Cochranella* 50
delicatus, *Afraxalus* 113
delicatus, *Eleutherodactylus* 142
demarchii, *Hoplobatrachus* 219
demarchii, *Rana* 219, 257
Dendrobates 1, 3, 58, 59
Dendrobates abditus 59
Dendrobates altobueyensis 59,
 65
Dendrobates anthonyi 59, 62
Dendrobates bassleri 59, 66
Dendrobates biolat 59
Dendrobates bolivianus 59, 62
Dendrobates bombetes 59, 65
Dendrobates boulengeri 59, 63
Dendrobates castaneoticus 59
Dendrobates erythromos 60, 63
Dendrobates espinosai 60, 63
Dendrobates fantasticus 60
Dendrobates femoralis 53, 60
Dendrobates fulguritus 60, 66
Dendrobates granulifer 60
Dendrobates granuliferus 60
Dendrobates imitator 60
Dendrobates ingeri 60, 63
Dendrobates lamasi 60
Dendrobates maculatus 60, 63
Dendrobates minutus 60, 66
Dendrobates myersi 60, 63
Dendrobates mysteriosus 61
Dendrobates opisthomelas 61, 66
Dendrobates parvulus 63
Dendrobates petersi 63
Dendrobates pictus 64
Dendrobates pulchripectus 64
Dendrobates quinquevittatus 59,
 60, 61
Dendrobates rufulus 61
Dendrobates silverstonei 61, 66,
 67
Dendrobates sirensis 61
Dendrobates smaragdinus 61, 64
Dendrobates steyermarki 61, 65,
 66
Dendrobates tricolor 61, 64
Dendrobates trivittatus 61, 67
Dendrobates variabilis 61
Dendrobates ventrimaculatus 62
Dendrobates viridis 62, 66
Dendrobates zaparo 62, 64
Dendrobatidae 3, 53, 130
dendronastes, *Gastrotheca* 71
Dendrophryniscus 3, 19, 30, 31
Dendrotriton 11
dennisi, *Eleutherodactylus* 142,
 177
dennisi, *Syrhophus* 142, 177
depressiceps, *Mantidactylus* 185,
 187, 188
depressus, *Rhacophorus* 294
Dermatonotus 7
Dermophiinae 312
Dermophis 12
desaegeri, *Rana* 258
descampi, *Gastrotheca nicefori*
 73
Desmognathinae 11, 302
Desmognathus 11
Desmognathus apalachicolae
 302
Desmognathus ochrophaeus 302
destefanii, *Hyperolius* 116, 117
devillei, *Eleutherodactylus* 133,
 142
diadematus, *Eleutherodactylus*
 142
diaphonus, *Eleutherodactylus*
 142
diastema, *Eleutherodactylus* 143
diayunensis, *Amolops* 241
Dicamptodon 11, 299
Dicamptodon aterrimus 299
Dicamptodon ensatus 299
Dicamptodon tenebrosus
Dicamptodontidae 1, 11, 298,
 299, 308
Dicamptodontinae 299
Dicroglossinae 9, 218, 229, 230,
 231, 243, 244, 245
Dicroglossini 218
Didynamipus 3, 32
difficilis, *Boophis* 286, 287, 288
dilatus, *Eleutherodactylus* 143,
 180
dilatus, *Tomodactylus* 143, 180
dimidiatus, *Eleutherodactylus*
 143
diminuta, *Bolitoglossa* 302
Dimorphognathus 9
dimunutiva, *Occidozyga* 230
dimunutivus, *Phrynoglossus* 230
diplolistre, *Pleurodema* 128
diplolistris, *Pleurodema* 128
Diplopelma 201, 203
diplosticta, *Indirana* 258, 282
diplosticta, *Rana* 258, 282
Dischidodactylus 6, 129
Dischidodactylus colonnelloi 131
Discodeles 9, 218, 245, 281
Discodeles ventricosus 218
Discodeles vogti 218
discoidalis, *Eleutherodactylus*
 143
Discoglossidae 3, 67
Discoglossus 3, 68

Discoglossus galganoi 68
Discoglossus jeanneae 68
Discoglossus montalentii 68
disregus, *Philautus* 290
dispar, *Crossodactylus* 124
dispar, *Phrynobatrachus* 233
disrupta, *Nyctimystes* 108
disruptus, *Nyctimystes* 108
diuata, *Limnonectes* 222, 258
diuata, *Rana* 222, 223, 258
divaricans, *Cochranella* 50
dixonii, *Eleutherodactylus* 143, 180
dobsonii, *Rana* 284
dobsonii, *Tomopterna* 284
dodsonii, *Bufo* 25
dolomedes, *Eleutherodactylus* 143
dolops, *Eleutherodactylus* 135, 143
dombensis, *Bufo* 25
dombensis damaranus, *Bufo* 25
domerguei, *Mantidactylus* 185
doriae, *Callulops* 189, 193
doriae, *Limnonectes* 223, 258
doriae, *Rana* 223, 258
doriae, *Xenorhina* 189, 190, 193
dorsopictus, *Eleutherodactylus* 143
dracomontana, *Rana* 258
dringi, *Leptotalax* 213
duartei, *Oloolygon* 87, 99
duartei, *Scinax* 87, 99
dubia, *Callulops* 189, 190
dubia, *Centrolenella* 39
dubia, *Phrynomantis* 189, 190
dubius, *Philautus* 290
dubius, *Rhacophorus* 290
duellmani, *Eleutherodactylus* 143
Duellmania 70, 71, 73, 74
Duellmanohyla 4, 76
Duellmanohyla chamulae 76
Duellmanohyla ignicolor 76, 95
Duellmanohyla lythrodus 76, 81
Duellmanohyla rufioculus 76, 84
Duellmanohyla salvavida 76
Duellmanohyla schmidtorum 76, 96
Duellmanohyla soralia 77
Duellmanohyla uranochroa 77, 85
duidaensis, *Centrolenella* 44
duidaensis, *Cochranella* 44
dultensis, *Rhacophorus* 294
dunni, *Colostethus* 55
dunni, *Gastrotheca* 71
dunni, *Gastrotheca argenteovirens* 71
dunni, *Rana* 258

duranti, *Colostethus* 55
duranti, *Hyalinobatrachium* 50
dutoiti, *Arthrolipetes* 232
dybowskii, *Rana* 256, 258
Dyscophinae 7, 198
Dyscophus 7, 198
Dyscophus insularis 198

E

Eburana 250, 263, 266, 269, 277
echeverii, *Atelopus* 20, 21
echinodes, *Bufo* 25
Echinotriton 12, 309, 311
Echinotriton anderssoni 310, 311
Echinotriton asperrimus 320, 311
Echinotriton chinhaiensis 310, 311
Edalorhina 5, 125
Edalorhina perezii 125
edelcae, *Osteocephalus* 90
edentulus, *Rhacophorus* 294
edwardinae, *Megophrys* 213
ehrharti, *Oloolygon* 87, 99
ehrharti, *Scinax* 87, 99
ehrenbergi, *Euphlyctis* 219, 258
ehrenbergi, *Rana* 219, 258
eileenae, *Eleutherodactylus* 143
eiponis, *Xenorhina* 193
eiselii, *Mantidactylus* 185
Elachistocleis 7, 200
Elachistocleis surinamensis 200
Elachyglossa 9, 221, 245
Elachyglossa gyldenstolpei 221, 245
elaeochroa, *Oloolygon* 87, 99
elaeochroa, *Scinax* 87, 99
elassodiscus, *Eleutherodactylus* 144
elberti, *Phrynobatrachus* 233
elberti, *Rana* 258
electrica, *Litoria* 106
elegans, *Eleutherodactylus* 144
elegans, *Hyla* 79, 81
elegans, *Mantidactylus* 185, 186
Eleutherodactylinae 129
Eleutherodactylini, 129, 131, 176
Eleutherodactylus 6, 129, 131–173, 176, 177
Eleutherodactylus aaptus 132
Eleutherodactylus abbotti 132
Eleutherodactylus acatelleus 132
Eleutherodactylus aceris 132
Eleutherodactylus achatinus 132
Eleutherodactylus acmontis 132
Eleutherodactylus actities 132
Eleutherodactylus acuminatus 132

Eleutherodactylus acutirostris 132
Eleutherodactylus affinis 132
Eleutherodactylus alalocophus 132
Eleutherodactylus alberchi 132
Eleutherodactylus albipes 133
Eleutherodactylus alcoae 133
Eleutherodactylus alfredi 133, 162
Eleutherodactylus altae 133
Eleutherodactylus altamazonicus 133
Eleutherodactylus albolabris 143
Eleutherodactylus alticola 133
Eleutherodactylus amadeus 133
Eleutherodactylus anatis 133
Eleutherodactylus ancianoii 133
Eleutherodactylus andi 133
Eleutherodactylus andicola 133
Eleutherodactylus andrewsi 133
Eleutherodactylus angelicus 134
Eleutherodactylus angustidigitorum 134, 180
Eleutherodactylus anolirex 134
Eleutherodactylus anomalus 134
Eleutherodactylus anonymus 134
Eleutherodactylus anotis 134
Eleutherodactylus antillensis 134
Eleutherodactylus anzuetoi 134, 153
Eleutherodactylus apiculatus 134
Eleutherodactylus apostates 134
Eleutherodactylus appendiculatus 134
Eleutherodactylus armstrongi 134
Eleutherodactylus atkinsi 134
Eleutherodactylus atkinsi estradae 135
Eleutherodactylus atkinsi orientalis 135
Eleutherodactylus atratus 135
Eleutherodactylus audanti 135
Eleutherodactylus augusti 135, 174
Eleutherodactylus auriculatoides 135
Eleutherodactylus auriculatus 135
Eleutherodactylus aurilegulus 135
Eleutherodactylus azueroensis 135
Eleutherodactylus babax 135
Eleutherodactylus bacchus 135
Eleutherodactylus bakeri 133, 136, 138, 167
Eleutherodactylus balionotus 136
Eleutherodactylus barlagnei 136

- Eleutherodactylus bartonsmithi* 136
Eleutherodactylus baryecuius 136
Eleutherodactylus batrachylus 136
Eleutherodactylus bearsei 136
Eleutherodactylus bellona 136
Eleutherodactylus berkenbuschii 136
Eleutherodactylus bernali 136
Eleutherodactylus bicolor 136
Eleutherodactylus bicumulus 136
Eleutherodactylus bilineatus 136
Eleutherodactylus binotatus 137
Eleutherodactylus biporcatus 137, 167
Eleutherodactylus bockermanni 137
Eleutherodactylus boconensis 137
Eleutherodactylus bocourti 137
Eleutherodactylus bogotensis 137
Eleutherodactylus bolbodactylus 137
Eleutherodactylus boulengeri 137
Eleutherodactylus bransfordii 137
Eleutherodactylus bresslerae 137
Eleutherodactylus brevifrons 137
Eleutherodactylus brevivirostris 137
Eleutherodactylus briceni 137
Eleutherodactylus brittoni 137
Eleutherodactylus bromeliaceus 127
Eleutherodactylus buckleyi 137
Eleutherodactylus bufoniformis 138
Eleutherodactylus cabrerai 138
Eleutherodactylus cacao 138
Eleutherodactylus cadenai 138
Eleutherodactylus cajamarcensis 138
Eleutherodactylus calcaratus 138
Eleutherodactylus calcarulus 138
Eleutherodactylus caprifer 138
Eleutherodactylus caribe 138
Eleutherodactylus carmelitae 138
Eleutherodactylus carvalhoi 138
Eleutherodactylus caryophyllaceus 138
Eleutherodactylus cavernicola 138
Eleutherodactylus celator 139
Eleutherodactylus cerasinus 139
Eleutherodactylus cerastes 139
Eleutherodactylus chac 139
Eleutherodactylus chalceus 139
Eleutherodactylus cheiroplethys 139
Eleutherodactylus chiasonotus 139
Eleutherodactylus chloronotus 139
Eleutherodactylus chlorophenax 139
Eleutherodactylus chlorosoma 139
Eleutherodactylus chrysozetes 139
Eleutherodactylus citriogaster 140
Eleutherodactylus cochranæ 140, 163
Eleutherodactylus colodactylus 140
Eleutherodactylus colostichos 140
Eleutherodactylus condor 140
Eleutherodactylus conspicillatus 140, 145, 157
Eleutherodactylus cooki 140
Eleutherodactylus coqui 140
Eleutherodactylus cornutus 140
Eleutherodactylus corona 140
Eleutherodactylus cosnipatae 140
Eleutherodactylus counouspeus 140
Eleutherodactylus crassidigitus 140
Eleutherodactylus cremnobates 141
Eleutherodactylus crenunguis 141
Eleutherodactylus cristinae 141
Eleutherodactylus croceoringuis 141
Eleutherodactylus crucifer 141, 151, 164
Eleutherodactylus cruralis 141, 147
Eleutherodactylus cruzi 141
Eleutherodactylus cryophilus 141
Eleutherodactylus cryptomelas 141
Eleutherodactylus cuaquero 141
Eleutherodactylus cubanus 141
Eleutherodactylus cundalli 141
Eleutherodactylus cundalli glaucoreius 146
Eleutherodactylus cuneatus 142
Eleutherodactylus curtipes 142
Eleutherodactylus cystignathoides 142, 177
Eleutherodactylus danae 142
Eleutherodactylus darlingtoni 142
Eleutherodactylus daryi 142
Eleutherodactylus decoratus 142
Eleutherodactylus delacruzi 168
Eleutherodactylus delicatus 142
Eleutherodactylus demissi 142, 177
Eleutherodactylus devillei 133, 142
Eleutherodactylus diadematus 142
Eleutherodactylus diaphonous 142
Eleutherodactylus diastema 143
Eleutherodactylus dilatus 143, 180
Eleutherodactylus dimidiatus 143
Eleutherodactylus discoidalis 143
Eleutherodactylus dixonii 143, 180
Eleutherodactylus dolomedes 143
Eleutherodactylus dolops 135, 143
Eleutherodactylus dorsopictus 143
Eleutherodactylus duellmani 142
Eleutherodactylus eileenae 143
Eleutherodactylus elassodiscus 144
Eleutherodactylus elegans 144
Eleutherodactylus emcelae 144
Eleutherodactylus emiliae 144
Eleutherodactylus eneidæ 144
Eleutherodactylus epipedus 144
Eleutherodactylus eremitus 144
Eleutherodactylus eriphus 144
Eleutherodactylus ernesti 144
Eleutherodactylus escoces 144
Eleutherodactylus etheridgei 144
Eleutherodactylus eunaster 144
Eleutherodactylus eurydactylus 144
Eleutherodactylus fenestratus 145
Eleutherodactylus fitzingeri 135, 145, 150, 157
Eleutherodactylus flavescens 145
Eleutherodactylus flesichmanni 145
Eleutherodactylus fowleri 145
Eleutherodactylus frater 145, 160
Eleutherodactylus fraudator 145
Eleutherodactylus furcensis 145
Eleutherodactylus fuscus 145, 155, 180
Eleutherodactylus gaigeae 145

- Eleutherodactylus galdi* 145
Eleutherodactylus ganonotus 145
Eleutherodactylus ginesi 146
Eleutherodactylus gladiator 146
Eleutherodactylus glandulifer 146
Eleutherodactylus
 glanduliferoides 146
Eleutherodactylus glandulosus 146
Eleutherodactylus glaphycompus 146
Eleutherodactylus glaucoreius 146
Eleutherodactylus glaucus 146
Eleutherodactylus gollmeri 139, 146, 152, 153, 156, 164
Eleutherodactylus gossei 146
Eleutherodactylus grabhami 146
Eleutherodactylus grahami 146
Eleutherodactylus gracilis 146
Eleutherodactylus grandiceps 147
Eleutherodactylus grandis 147, 180
Eleutherodactylus grandoculis 147
Eleutherodactylus granulosus 147
Eleutherodactylus greggi 147
Eleutherodactylus greyi 147
Eleutherodactylus griphus 147
Eleutherodactylus gryllus 147
Eleutherodactylus gualteri 147
Eleutherodactylus
 guanahacabibes 147
Eleutherodactylus guantanamoera 147
Eleutherodactylus guentheri 148, 150
Eleutherodactylus guerreroensis 148
Eleutherodactylus gularis 148
Eleutherodactylus gundlachi 147
Eleutherodactylus guttilatus 148, 177
Eleutherodactylus gutturalis 148
Eleutherodactylus haitianus 148
Eleutherodactylus hectus 148
Eleutherodactylus hedricki 148
Eleutherodactylus helonotus 148
Eleutherodactylus heminota 148
Eleutherodactylus hernandezi 148
Eleutherodactylus heterodactylus 148
Eleutherodactylus hobartsmithi 148
Eleutherodactylus hoehnei 149
Eleutherodactylus holti 149
Eleutherodactylus hybotragus 149
Eleutherodactylus hylaeformis 149
Eleutherodactylus hypostenor 149
Eleutherodactylus ignicolor 149
Eleutherodactylus imitatrix 149
Eleutherodactylus incanus 149
Eleutherodactylus incomptus 149, 160
Eleutherodactylus ingeri 149
Eleutherodactylus inguinalis 149
Eleutherodactylus inoptatus 149
Eleutherodactylus insignatus 149
Eleutherodactylus intermedius 149
Eleutherodactylus interorbitalis 150, 177
Eleutherodactylus inusitatus 150
Eleutherodactylus ionthus 150
Eleutherodactylus izecksohni 150
Eleutherodactylus jaime 150
Eleutherodactylus jamaicensis 150
Eleutherodactylus jasper 131, 150
Eleutherodactylus johannesdei 150
Eleutherodactylus johnstonei 150
Eleutherodactylus jota 151
Eleutherodactylus jugans 151
Eleutherodactylus juipoca 151
Eleutherodactylus junori 151
Eleutherodactylus karlschmidti 151
Eleutherodactylus katoptroides 151
Eleutherodactylus kirklandi 151
Eleutherodactylus klinikowskii 151
Eleutherodactylus lacrimosus 143, 151, 169, 173
Eleutherodactylus lacteus 151
Eleutherodactylus lamprotes 151
Eleutherodactylus lancinii 151
Eleutherodactylus lanthanites 151
Eleutherodactylus latens 151
Eleutherodactylus laticeps 152, 169, 172
Eleutherodactylus laticlavus 152
Eleutherodactylus latidiscus 152
Eleutherodactylus leberi 152
Eleutherodactylus lentiginosus 152, 155, 156
Eleutherodactylus lentus 152
Eleutherodactylus leonci 152
Eleutherodactylus leoni 152
Eleutherodactylus leprus 152, 177
Eleutherodactylus leptolophus 152, 154, 166, 171
Eleutherodactylus leucopus 153
Eleutherodactylus limbatus 153, 176
Eleutherodactylus limbatus
 orientalis 135
Eleutherodactylus lindae 153
Eleutherodactylus lineatus 134, 153, 154
Eleutherodactylus lividus 153
Eleutherodactylus locustus 153
Eleutherodactylus longipes 153, 177
Eleutherodactylus longirostris 153
Eleutherodactylus loustes 149, 150, 153
Eleutherodactylus lucioi 153
Eleutherodactylus luteolateralis 153
Eleutherodactylus luteolus 153
Eleutherodactylus lutitus 153
Eleutherodactylus lymani 154
Eleutherodactylus lynchi 154
Eleutherodactylus lythrodus 154
Eleutherodactylus macdougalli 153, 154
Eleutherodactylus maculosus 154
Eleutherodactylus malkini 154
Eleutherodactylus manipus 154
Eleutherodactylus mariposa 154
Eleutherodactylus marmoratus 154
Eleutherodactylus marnockii 154, 177
Eleutherodactylus martiae 154
Eleutherodactylus martinicensis 154
Eleutherodactylus matudai 155
Eleutherodactylus maurus 155, 180
Eleutherodactylus maussi 155
Eleutherodactylus megalops 155
Eleutherodactylus
 megalotympanum 155
Eleutherodactylus melacara 155
Eleutherodactylus melanoproctus 155
Eleutherodactylus melanostictus 144, 155
Eleutherodactylus mendax 155
Eleutherodactylus mercedesae 155
Eleutherodactylus meredonensis 155
Eleutherodactylus merostictus 155

- Eleutherodactylus mexicanus* 156, 158, 174
Eleutherodactylus milesi 140, 141, 156
Eleutherodactylus mimus 156
Eleutherodactylus minutus 156
Eleutherodactylus miyatai 156
Eleutherodactylus modestus 156, 177
Eleutherodactylus modipeplus 156
Eleutherodactylus molybrignus 156
Eleutherodactylus mondolfii 156
Eleutherodactylus monensis 156
Eleutherodactylus monnichorum 156
Eleutherodactylus montanus 157
Eleutherodactylus moro 157
Eleutherodactylus muricatus 157
Eleutherodactylus myersi 157, 167
Eleutherodactylus nasutus 157
Eleutherodactylus nebulosus 157
Eleutherodactylus necerus 157
Eleutherodactylus neodreptus 157
Eleutherodactylus nicefori 157
Eleutherodactylus nigriventris 157
Eleutherodactylus nigrogriseus 157
Eleutherodactylus nigrovittatus 144, 152, 154, 157
Eleutherodactylus nitidus 157, 181
Eleutherodactylus nivicolimae 157, 178
Eleutherodactylus noblei 158
Eleutherodactylus nortoni 158
Eleutherodactylus nubicola 158
Eleutherodactylus nyctophylax 158
Eleutherodactylus obmutescens 158
Eleutherodactylus occidentalis 158, 174
Eleutherodactylus ocellatus 158
Eleutherodactylus ockendeni 158, 160
Eleutherodactylus ocreatus 58
Eleutherodactylus octavioi 158
Eleutherodactylus oeus 158
Eleutherodactylus omilemanus 158
Eleutherodactylus orcesi 158
Eleutherodactylus orcutti 159
Eleutherodactylus orestes 159
Eleutherodactylus ornatissimus 159
Eleutherodactylus orocostalis 159
Eleutherodactylus orphnolaimus 159
Eleutherodactylus oxyrhynchus 159
Eleutherodactylus pallidus 159, 178
Eleutherodactylus palmeri 159
Eleutherodactylus pantoni 159
Eleutherodactylus pantoni pentasyringos 160
Eleutherodactylus parabates 159
Eleutherodactylus paramerus 159
Eleutherodactylus parapelates 159
Eleutherodactylus pardalis 159
Eleutherodactylus parvillus 159
Eleutherodactylus parvus 150
Eleutherodactylus pastazensis 160
Eleutherodactylus patriciae 160
Eleutherodactylus paulodutrai 160
Eleutherodactylus paulsoni 160
Eleutherodactylus paululus 160
Eleutherodactylus pecki 160
Eleutherodactylus pentasyringos 160
Eleutherodactylus peraticus 160
Eleutherodactylus percultus 160
Eleutherodactylus peruvianus 160
Eleutherodactylus petersi 160
Eleutherodactylus petersorum 160
Eleutherodactylus petrobardus 161
Eleutherodactylus pezopetrus 161
Eleutherodactylus pharangobates 161, 164
Eleutherodactylus phoxocephalus 161
Eleutherodactylus phragmipleuron 161
Eleutherodactylus pictissimus 161
Eleutherodactylus pinarensis 161
Eleutherodactylus pinchoni 161
Eleutherodactylus pipilans 161, 178
Eleutherodactylus pituinus 161
Eleutherodactylus planirostris 161
Eleutherodactylus platydactylus 161
Eleutherodactylus pleurostriatus 161
Eleutherodactylus plicifer 137, 162
Eleutherodactylus pliciferus 137, 162
Eleutherodactylus podiciferus 162
Eleutherodactylus polymniae 162
Eleutherodactylus poolei 62
Eleutherodactylus portoricensis 162
Eleutherodactylus probolaeus 162
Eleutherodactylus prolatus 162
Eleutherodactylus prolixodiscus 162
Eleutherodactylus proserpens 162
Eleutherodactylus pseudoacuminatus 162
Eleutherodactylus pugnax 162
Eleutherodactylus pulidoi 162
Eleutherodactylus pulvinatus 163
Eleutherodactylus punctariolus 163
Eleutherodactylus pusillus 163
Eleutherodactylus pycnodermis 163
Eleutherodactylus pygmaeus 163
Eleutherodactylus pyrrhomelas 163
Eleutherodactylus quaquaversus 163
Eleutherodactylus quinquagesimus 163
Eleutherodactylus racemus 163
Eleutherodactylus racenisi 163
Eleutherodactylus ramagii 163
Eleutherodactylus ramosi 140, 163
Eleutherodactylus randorum 163
Eleutherodactylus raniformis 163
Eleutherodactylus rayo 164
Eleutherodactylus repens 164
Eleutherodactylus reticulatus 164
Eleutherodactylus rhabdolaemus 161, 164
Eleutherodactylus rhodesi 164
Eleutherodactylus rhodopis 164
Eleutherodactylus richmondi 164
Eleutherodactylus ricordii 164
Eleutherodactylus ridens 164
Eleutherodactylus riveti 164
Eleutherodactylus rosaldi 164
Eleutherodactylus rosadoi 164
Eleutherodactylus roseus 164
Eleutherodactylus rostralis 164
Eleutherodactylus rozei 165
Eleutherodactylus rubicundus 165

- Eleutherodactylus*
rubrimaculatus 165, 178
Eleutherodactylus rufescens 165, 181
Eleutherodactylus rufifemoralis 165
Eleutherodactylus rugulosus 133, 135, 139, 165
Eleutherodactylus ruidus 165
Eleutherodactylus ruizi 165
Eleutherodactylus ruthae 165
Eleutherodactylus ruthveni 165
Eleutherodactylus salaputium 165
Eleutherodactylus saltator 165
Eleutherodactylus sanctaemartae 166
Eleutherodactylus
sanmartinensis 166
Eleutherodactylus sartori 166
Eleutherodactylus savagei 166
Eleutherodactylus saxatilis 166, 181
Eleutherodactylus schmidtii 166
Eleutherodactylus schultei 166
Eleutherodactylus schwartzi 166
Eleutherodactylus sciagraphus 166
Eleutherodactylus scitulus 166
Eleutherodactylus
scotoblepharus 166
Eleutherodactylus scolodiscus 166
Eleutherodactylus semipalmatus 167
Eleutherodactylus sernai 167
Eleutherodactylus
sierramaestrae 167
Eleutherodactylus silvicola 167
Eleutherodactylus simonbolivari 167
Eleutherodactylus simoterus 167
Eleutherodactylus siopelus 167
Eleutherodactylus sisypodemus 167
Eleutherodactylus sobetes 167
Eleutherodactylus spanios 167
Eleutherodactylus spatulatus 168
Eleutherodactylus spilogaster 168
Eleutherodactylus spinosus 168
Eleutherodactylus stantoni 152
Eleutherodactylus stejnegerianus 168
Eleutherodactylus stenodiscus 168
Eleutherodactylus stuarti 168
Eleutherodactylus subsigillatus 168
Eleutherodactylus sulcatus 138
Eleutherodactylus sulculus 168
Eleutherodactylus supernatus 168
Eleutherodactylus surdus 168
Eleutherodactylus symingtoni 168
Eleutherodactylus syristes 168, 181
Eleutherodactylus taeniatus 169
Eleutherodactylus talamancae 169
Eleutherodactylus tamsitti 169
Eleutherodactylus
tarahumaraensis 169, 174
Eleutherodactylus taurus 169
Eleutherodactylus taylori 169
Eleutherodactylus tayrona 169
Eleutherodactylus tenebrionis 169
Eleutherodactylus teretistes 169, 178
Eleutherodactylus
terraebolivaris 169
Eleutherodactylus thectopternis 169
Eleutherodactylus thomasi 169
Eleutherodactylus thorectes 169
Eleutherodactylus
thymalopsoides 170
Eleutherodactylus thymelensis 170
Eleutherodactylus toa 170
Eleutherodactylus toftae 170
Eleutherodactylus
trachyblepharis 170
Eleutherodactylus trepidotus 170
Eleutherodactylus tubernasus 139, 170
Eleutherodactylus turquinensis 170
Eleutherodactylus
turumiquirensis 170
Eleutherodactylus unicolor 170
Eleutherodactylus unistrigatus 132, 133, 134, 136, 139, 141, 142, 143, 145, 147, 148, 151, 152, 155, 156, 158, 159, 161, 162, 165, 166, 167, 168, 170, 171, 173
Eleutherodactylus unistrigatus
holsti 149
Eleutherodactylus uno 170
Eleutherodactylus uranobates 171
Eleutherodactylus urichi 171
Eleutherodactylus vanadise 171
Eleutherodactylus variabilis 171
Eleutherodactylus varians 171
Eleutherodactylus varians
ionthus 150, 171
Eleutherodactylus varleyi 171
Eleutherodactylus venancioi 171
Eleutherodactylus ventrilineatus 171
Eleutherodactylus
ventrimarmoratus 171
Eleutherodactylus verecundus 171
Eleutherodactylus verrucipes 171, 178
Eleutherodactylus verruculatus 171, 178
Eleutherodactylus versicolor 172
Eleutherodactylus vicarius 172
Eleutherodactylus vidua 172
Eleutherodactylus vilarsi 172
Eleutherodactylus vinhai 172
Eleutherodactylus viridicans 172
Eleutherodactylus vocalis 172
Eleutherodactylus vocator 172
Eleutherodactylus w-nigrum 172
Eleutherodactylus walkeri 172
Eleutherodactylus wareni 172
Eleutherodactylus weinlandi 172
Eleutherodactylus werleri 152, 172
Eleutherodactylus wetmorei 172
Eleutherodactylus wightmanae 172
Eleutherodactylus williamsi 172
Eleutherodactylus xucanebi 172
Eleutherodactylus yucatanensis 173
Eleutherodactylus zeuctotylus 173
Eleutherodactylus zeus 173
Eleutherodactylus zimmermanae 173
Eleutherodactylus zugii 173
Eleutherodactylus zygodactylus 173
elkejungingerae, *Hyla* 79, 91
elkejungingerae, *Osteocephalus* 79, 91
emcelae, *Eleutherodactylus* 144
emeljanowi, *Rana* 258
emembranatus, *Philautus* 290
emiliae, *Eleutherodactylus* 144
emiliopugini, *Eupsophus* 174
eneidae, *Eleutherodactylus* 144
Engystoma 200
Engystoma ornatum 201
Engystoma marmoratum 204
Ensatina 11
ensatus, *Dicamptodon* 299
enseticola, *Afraxalus* 113
epacrorrhina, *Ololygon*, 88, 99
epacrorrhina, *Scinax* 88, 99
ephippium, *Brachycephalus* 19
cphippium, *Bufo* 19
Epiceriidae 314

Epicrionops 13
epimela, *Bolitoglossa* 302
Epipedobates 3, 53, 59, 62, 66
Epipedobates andinus 62
Epipedobates anthonyi 62
Epipedobates ardens 63
Epipedobates azureiventris 62
Epipedobates bilinguis 62
Epipedobates bolivianus 59, 62
Epipedobates boulengeri 59, 63
Epipedobates cainarachi 63
Epipedobates erythromos 60, 62, 63
Epipedobates espinosai 60, 63
Epipedobates ingeri 60, 63
Epipedobates maculatus 60, 63
Epipedobates myersi 60, 63
Epipedobates parvulus 63
Epipedobates petersi 63
Epipedobates pictus 62, 64
Epipedobates pulchripectus 64
Epipedobates smaragdinus 61, 64
Epipedobates tricolor 59, 61, 64
Epipedobates zaparo 62, 64
epipedus, *Eleutherodactylus* 144
epitropicalis, *Silurana* 216, 217
epitropicalis, *Xenopus* 216, 217
ercepeae, *Paa* 248, 258
ercepeae, *Rana* 248, 258
eregatum, *Chthonerpeton* 316
Eremiophilus 118
eremitus, *Eleutherodactylus* 144
Ericabatrachus 9, 232
Ericabatrachus baleensis 232
eringiophila, *Hyla strigilata* 105
Eripaa 247, 248
eriphus, *Eleutherodactylus* 144
erlangeri, *Ptychadena* 236
ernesti, *Eleutherodactylus* 144
ernestoi, *Gastrotheca* 72, 73
erythraea, *Rana* 250, 258
erythroductylus, *Boophis* 286
erythroma, *Hyla* 79, 95
erythroma, *Ptychohyla* 79, 95
erythromos, *Dendrobates* 60, 63
erythromos, *Epipedobates* 60, 63
escoces, *Eleutherodactylus* 144
esculenta, *Rana* 251, 259
espeletia, *Gastrotheca* 72
espinosai, *Dendrobates* 60, 63
espinosai, *Epipedobates* 60, 63
estradae, *Eleutherodactylus*
atkinsi 135
etheridgei, *Eleutherodactylus*
144
Eubaphina 53
Euchnemis fornasini 113
Eucnemis 115
Euhyas 132–173, 177

euhystrix, *Centrolenella* 44
euhystrix, *Cochranella* 44
euknemos, *Centrolenella* 39, 44
euknemos, *Cochranella* 39, 44
eumaster, *Eleutherodactylus* 144
Euparkerella 6, 129, 173, 176
Euparkerella brasiliensis 173
Euparkerella cochranae 173
Euparkerella robusta 173
Euparkerella tridactyla 173
Euphyctis 9, 218, 260
Euphyctis cornii 219, 256
Euphyctis cyanophylctis 219, 257
Euphyctis ehrenbergi 219, 258
Euphyctis heaxadactylus 219, 262
euphorbiacea, *Hyla* 78
Euproctus 12
Eupsophus 6, 173
Eupsophus contulmoensis 174
Eupsophus emiliopugini 174
Eupsophus vertebralis 130, 174
Eupsophus vittatus 174
Eurycea 11, 302
Eurycea aquatica 302, 202
Eurycea bislineata 302, 303
Eurycea bislineata wilderae 303
Eurycea cirrigera 302, 303
Eurycea junaluska 302, 303
Eurycea wilderae 302, 303
eurydactyla, *Callulops* 189, 190
eurydactyla, *Phrynomantis* 189, 190
eurydactylus, *Eleutherodactylus*
144
eurydice, *Ololygon*, 88, 100
eurydice, *Scinax* 88, 100
eurygnatha, *Centrolenella* 39, 50
eurygnathum,
Hyalinobatrachium 39, 41, 50
euthysanota, *Ptychohyla* 95
evansi, *Hyla* 75
everetti, *Rana* 259, 266
everetti albotuberculata, *Rana*
252
Exaeretis 310
Exaeretis caucasicus 310
everetti, *Rhacophorus* 294
exasperatus, *Colostethus* 55
excubitor, *Gastrotheca* 72
exigua, *Ololygon* 100
exigua, *Salamandra* 303
exigua, *Scinax* 100
exile, *Chthonerpeton* 316
exilis, *Phasmahyla* 110, 111
exilis, *Phyllomedusa* 110, 111
exilispinosa, *Paa* 248, 259
exilispinosa, *Rana* 248, 259

eximia, *Hyla* 78, 83, 94
exophthalmia, *Litoria* 106
expectata, *Mantella* 182

F

faciopunctulatus, *Colostethus* 55
falcipes, *Liuperus* 128
falcipes, *Paludicola* 129
falcipes, *Pseudopaludicola* 129
fallax, *Colostethus* 55
fansipani, *Chaparana* 244, 259
fansipani, *Rana* 244, 259
fantasticus, *Dendrobates* 60
fasciata, *Hyla* 79, 84
fasciata, *Nectocaecilia* 316
fasciata, *Rana* 251, 259, 281
fasciatus, *Rhacophorus* 294
fasciatus, *Strongylopus* 259, 281
fasciculispina, *Paa* 248, 259
fasciculispina, *Rana* 247, 248, 259
fasciolatus, *Mixophyes* 208
favosa, *Hyla* 80
feae, *Arthroleptis* 233
feae, *Paa* 248, 259
feae, *Phrynobatrachus* 233
feae, *Rana* 248, 259
Feirana 244
Fejervarya 221–229
femoralis, *Allobates* 53, 60
femoralis, *Dendrobates* 53, 60
femoralis, *Mantidactylus* 185, 187
fenestratus, *Eleutherodactylus*
145
fenoulheti, *Bufo* 25, 29
feriarum, *Pseudacris triseriata*
95
festae, *Rhamphophryne* 33
Fichteria somalica 205
fimbrianus, *Uperoleia* 210
fimbriata, *Phrynomedusa* 110, 111
fimbriata, *Phyllomedusa* 110, 111
fimbrimembra, *Hyla* 80
finchi, *Limnoneustes* 223
finchi, *Rana microdisca* 223
fischeri, *Physalaemus* 127
fisheri, *Rana* 259
fissilis, *Flectonotus* 70
fissilis, *Fritziana* 70
fissipes, *Gastrotheca* 72
fitzingeri, *Eleutherodactylus* 135, 145, 150, 157
fitzingeri, *Hylodes* 131
flavescens, *Eleutherodactylus*
145
flavicus, *Mantidactylus* 185

- flavicrus*, *Rana* 185
flavidigitata, *Centrolenella* 44
flavidigitata, *Cochranella* 44
flavipunctatus, *Aneides* 302
flavobrunneus, *Mantidactylus* 185
flavoguttata, *Ololygon*, 88, 100
flavoguttata, *Scinax* 88, 100
flavomaculatus, *Leptopelis* 121
flavopunctata, *Centrolenella* 39, 44
flavopunctata, *Cochranella* 39, 44
fleayi, *Mixophyes* 208
Flectonotus 4, 70
Flectonotus fissilis 70
Flectonotus goeldii 70
Flectonotus ohausi 70
fleischmanni, *Centrolenella* 30, 50
fleischmanni, *Eleutherodactylus* 145
fleischmanni, *Hyalinobatrachium* 39, 49, 50, 51, 52, 53
fleischmanni, *Hylella* 49
florensis, *Rana* 259
floresiana, *Occidozyga* 230
floresianus, *Phrynoglossus* 230
floweri, *Ptychadena* 236, 238
fluminea, *Hyla* 77, 80
formosus, *Amolops* 241
formosus, *Bufo* 26
fornasini, *Afraxalus* 114
fornasini, *Euchnemis* 113
Fornasini, *Afraxalus* 114
forreri, *Rana* 259
fortinuptialis, *Bombina* 68
fourschensis, *Plethodon* 305
fowleri, *Bufo* 30
fowleri, *Eleutherodactylus* 145
fowleri fowleri, *Bufo* 30
fowleri, *Microhyla* 202
fragilis, *Centrolenella* 50
fragilis, *Hyalinobatrachium* 50
fragilis, *Leptodactylus* 125, 126
fragilis, *Limnectes* 223, 259
fragilis, *Rana* 223, 259
francei, *Arthroleptis* 15
francei, *Arthroleptis adolfifridgerici* 15
franciscæ, *Physalaemus* 127
fraseri, *Xenopus* 217
frater, *Eleutherodactylus* 145, 160
fraudator, *Eleutherodactylus* 145
friedrichsi, *Hyperolius* 115
Fritziana 4, 70
Fritziana fissilis 70
Fritziana goeldii 70
Fritziana ohausi 70
Frostius 3, 30
Frostius pernambucensis 21, 30
fukiensis, *Rana* 259
fulguritus, *Dendrobates* 60, 66
fulguritus, *Minyobates* 60, 66
fuliginatus, *Bufo* 25
fuliginosus, *Colostethus* 56
fuliginosus, *Cycloramphus* 131
fulvus, *Neobatrachus* 208
funerea, *Ololygon*, 88, 100
funerea, *Scinax* 88, 100
funereus, *Bufo* 25, 28, 30
furcyensis, *Eleutherodactylus* 145
fusca, *Callulops* 189, 190
fusca, *Microhyla* 202
fusca, *Phrynomantis* 189, 190
fusca, *Rana* 125
fusca, *Uperoleia* 210
fuscigula, *Rana* 250, 260
fuscigula, *Xenobatrachus* 192
fuscomaculatus, *Physalaemus* 127
fuscomarginata, *Ololygon*, 88, 100
fuscomarginata, *Scinax* 88, 101
fuscovaria, *Ololygon*, 88, 100
fuscovaria, *Scinax* 88, 100
fuscus, *Eleutherodactylus* 145, 155, 180
fuscus, *Leptodactylus* 126
fuscus, *Micrixalus* 245
fuscus, *Tomodactylus* 155, 180
fuzhongensis, *Paramesotriton* 310
- G**
- gabbi*, *Bufo* 25
gaigeae, *Eleutherodactylus* 145
galamensis, *Rana* 260
galani, *Osteocephalus* 91
galdai, *Eleutherodactylus* 145
galeata, *Gastrotheca* 72
galganoi, *Discoglossus* 68
gallardoi, *Bufo* 25
ganonotus, *Eleutherodactylus* 145
gansi, *Ptychadena* 236, 237
garagoensis, *Hyla* 80
gargarizans, *Bufo* 25
garbei, *Ololygon*, 88, 100
garbei, *Scinax* 88, 100
gariepensis gariepensis, *Bufo* 26
gariepensis nubicolus, *Bufo* 26
garmani, *Bufo* 25, 28
garoensis, *Rana* 260
garritor, *Rana* 260
Gastrophryne 7, 201
Gastrophrynoides 7
Gastrotheca 4, 69, 70, 72, 74
Gastrotheca abdita 71
Gastrotheca andaquiensis 71, 72
Gastrotheca angustifrons 71
Gastrotheca argenteovirens 71
Gastrotheca argenteovirens dunni 71
Gastrotheca aureomaculata 71
Gastrotheca bufona 71
Gastrotheca cavia 71
Gastrotheca christiani 71
Gastrotheca chrysosticta 71
Gastrotheca cornuta 71
Gastrotheca dendronastes 71
Gastrotheca dunni 71
Gastrotheca ernestoi 72, 73
Gastrotheca espeletia 72
Gastrotheca excubitor 72
Gastrotheca fissipes 72
Gastrotheca galeata 72
Gastrotheca gracilis 72
Gastrotheca griseowaldi 72
Gastrotheca guentheri 69, 72
Gastrotheca helenae 72
Gastrotheca humbertoi 71, 72
Gastrotheca lateonota 72
Gastrotheca lauzuriacae 73
Gastrotheca litonensis 73
Gastrotheca lojana 73
Gastrotheca longipes 73
Gastrotheca marsupiata 72, 73, 74
Gastrotheca marsupiata lojana 73
Gastrotheca medemi 73
Gastrotheca microdisca 72, 73, 74
Gastrotheca monticola 73
Gastrotheca nicefori 73, 75
Gastrotheca nicefori descampi 73
Gastrotheca ochoai 73
Gastrotheca orophylax 73
Gastrotheca ovifera 70, 72, 73
Gastrotheca pacchamama 73
Gastrotheca peruana 74
Gastrotheca plumbea 72, 73, 74
Gastrotheca pseustes 74
Gastrotheca psychrophila 74
Gastrotheca rebecca 74
Gastrotheca riobambae 71, 74
Gastrotheca ruizi 74
Gastrotheca testudinea 74
Gastrotheca trachyceph 74
Gastrotheca viridis 73, 74
Gastrotheca walkeri 74
Gastrotheca weilandii 75
Gastrotheca williamsoni 75
Gastrotheca yacambuensis 73, 75

- gaudichaudii*, *Crossodactylus* 124
gaumi, *Rhacophorus* 294
geckoideum, *Centrolene* 34, 35, 36, 37
Gegeneophis 12, 313
geijskesi, *Centrolenella* 39, 45
geijskesi, *Cochranella* 39, 45
gemmata, *Centrolenella* 35
gemmatus, *Centrolene* 35
genimaculata, *Litoria* 106
Genophryne 7, 199
Genyophryne thomsoni 199
Genyophryinae 7, 198
Geobatrachus 6, 129, 130, 174
Geobatrachus walkeri 174
Geocrinia 8
Geocrinia alba 209
Geocrinia lutea 209
Geocrinia rosea 209
Geocrinia vitellina 209
geographica, *Hyla* 84
georgii, *Rhacophorus* 294
Geotriton 303
Geotrypetes 12
Geotrypetes grandisonae 313, 314
Gephyromantis 184, 185, 186, 187, 188
gerbillus, *Rana* 260
ghoshi, *Rana* 260
gibbosa, *Rana* 193
gigas, *Megalophrys* 214
gigas, *Xenophrys* 214
giganteus, *Xenobatrachus* 192
gimmeli, *Stumpffia* 197
ginesi, *Eleutherodactylus* 146
glaber, *Hylodes* 124
glaberrimus, *Bufo* 25
glabrus, *Hylodes* 124
gladiator, *Eleutherodactylus* 146
Glandirana 250, 268
glandulifer, *Eleutherodactylus* 146
glanduliferoides,
Eleutherodactylus 146
glandulosa, *Callulops* 189, 190
glandulosa, *Megophrys* 212
glandulosa, *Phrynomantis* 189, 190, 191
glandulosa, *Plectrohyla* 93
glandulosa, *Rana* 260
glandulosa, *Uperoleia* 210
glandulosus, *Eleutherodactylus* 146
glandulosus, *Mantidactylus* 186, 187
glaphycompus,
Eleutherodactylus 146
glaucoreius, *Eleutherodactylus* 146
glaucoreius, *Eleutherodactylus cundalli* 146
glaucus, *Eleutherodactylus* 146
globosa, *Schoutedenella* 14, 17
Glossostoma 7, 201, 204
Glossostoma aequatoriale 201, 204
Glossostoma aterrimum 201, 204
glutinosus, *Caecilia* 314
glutinosus, *Plethodon* 305, 306, 307
glutinosus albagula, *Plethodon* 304
glutinosus grobmani, *Plethodon* 305
glutinosus teyahalee, *Plethodon* 307
Glyphoglossus 7, 201
Glyphoglossus molossus 201
gnustae, *Bufo* 25
goeldii, *Flectonotus* 70
goeldii, *Fritziana* 70
goeldii, *Hylodes* 125
goinorum, *Ololygon*, 88, 100
goinorum, *Scinax* 88, 100
gollmeri, *Eleutherodactylus* 139, 146, 152, 153, 156, 164
gongshanensis, *Rhacophorus* 294
gorganensis, *Batrachuperus* 299, 301
gorganensis, *Paradactylon* 299, 301
Gorhixalus 289, 290
gorzulai, *Centrolene* 35
gorzulai, *Centrolenella* 35
gossei, *Eleutherodactylus* 146
gottlebei, *Scaphiophryne* 207
goudotii, *Boophis* 286, 287, 288
gouveai, *Hyla* 80
goyana, *Proceratophrys* 176
goyanus, *Proceratophrys* 176
grabhami, *Eleutherodactylus* 146
gracilipes, *Rana* 204, 260
gracilis, *Bolitoglossa* 302
gracilis, *Eleutherodactylus* 146
gracilis, *Gastrotheca* 72
gracilis, *Leptodactylus* 126
gracilis, *Physalaemus* 127
gracilis, *Rana* 260
gracilis var. *pulla*, *Rana* 221
graeca, *Rana* 260, 263
graeca italica, *Rana* 261
grahami, *Eleutherodactylus* 146
grahami, *Rana* 261
grandiceps, *Eleutherodactylus* 147
grandidieri, *Mantidactylus* 186
grandis, *Eleutherodactylus* 147, 180
grandis, *Tomodactylus* 147, 180
grandis, *Platypelis* 195, 196
grandisonae, *Centrolene* 35, 40
grandisonae, *Centrolenella* 35, 40
grandisonae, *Geotrypetes* 313, 314
grandisonae, *Mantidactylus* 186
grandisonae, *Ptychadena* 237
grandisonae, *Sylvacaecilia* 313, 314
Grandisonia 12
grandocula, *Rana* 261
grandoculis, *Eleutherodactylus* 147
gramineus, *Leptopelis* 121
granosa, *Hyla* 80
granulatus, *Mantidactylus* 184, 186, 187, 188
granulifer, *Dendrobates* 60
granuliferus, *Dendrobates* 60
granulosa, *Centrolenella* 40, 45
granulosa, *Cochranella* 40, 45, 48
granulosa, *Hylomantis* 109
granulosa, *Phyllomedusa* 109
granulosum, *Pseudohemisus* 206, 207
granulosus, *Amolops* 241
granulosus, *Boophis* 287
granulosus, *Eleutherodactylus* 147
granulosus, *Hylodes* 141
grayii, *Rana* 261, 281
grayii, *Strongylopus* 261, 181
greenii, *Limnonectes* 223, 261
greenii, *Rana* 223, 261
greeningi, *Corythomantis* 76
greggi, *Eleutherodactylus* 147
gregorii, *Schistometopum* 314
greyi, *Eleutherodactylus* 147
griffithsi, *Centrolenella* 40, 42, 45
griffithsi, *Cochranella* 40, 45
grindleyi, *Bufo vertebralis* 25
griphus, *Eleutherodactylus* 147
grisea, *Rana* 261
griseigularis, *Adenomera* 125, 126
grismoldi, *Gastrotheca* 72
grobmani, *Plethodon glutinosus* 305
grunniens, *Limnonectes* 221, 222, 223, 224, 225, 226, 227, 229, 261
grylio, *Rana* 261
gryllivoca, *Ansonia longidigita* 20

- gryllus*, *Eleutherodactylus* 147
gryllus, *Rana* 75
 Grypiscinae 124
guacamayo, *Osornophryne* 32
gualteri, *Eleutherodactylus* 147
guanahacabibes,
 Eleutherodactylus 147
guantanamera,
 Eleutherodactylus 147
guatemalensis, *Plectrohyla* 92,
 93
guatopoensis, *Colostethus* 55
guayapae, *Pleurodema* 128
guentheri, *Amphignathodon* 69,
 70, 72
guentheri, *Eleutherodactylus*
 148, 150
guentheri, *Hyla* 80
guentheri, *Gastrotheca* 69, 72
guentheri, *Rana* 261
guentherpetersi, *Mantipus* 194,
 196
guentherpetersi, *Plethodontohyla*
 194, 196
guerreroensis, *Eleutherodactylus*
 148
guibei, *Mantidactylus* 185, 186
guibei, *Ptychadena* 237
guibei, *Ptychadena chrysogaster*
 237
Guibemantis 185, 188
guineense, *Hemisus* 69
guineensis, *Hemisus* 69
gularis, *Eleutherodactylus* 148
gulolineatus, *Gyrinophilus* 303
gulolineatus, *Gyrinophilus*
 palleucus 303
gundia, *Indirana* 282
gundia, *Ranixalus* 281, 282
gundlachi, *Eleutherodactylus*
 148
guttata, *Hylomantis* 109, 110,
 111
guttata, *Phyllomedusa* 109, 110,
 111
guttatum, *Hemisus* 69
guttatus, *Bufo* 24
guttatus, *Hemisus* 69
guttulatus, *Eleutherodactylus*
 148, 177
guttulatus, *Syrrhophus* 148, 177
guttulatus, *Mantidactylus* 186
gutturalis, *Bufo* 25, 27
gutturalis, *Eleutherodactylus* 148
gutturosus, *Phrynobatrachus* 233
gyldenstolpei, *Elachygllossa* 221,
 223, 245
gyldenstolpei, *Limnonectes* 223,
 245
Gymnophiona 12, 13, 312
- Gymnopsis* 12, 312, 313
Gymnopsis multiplicata 313
Gymnopsis syntremus 312
Gynandropaa 247–250
Gyrinophilus 11
Gyrinophils gulolineatus 303
Gyrinophilus palleucus
 gulolineatus 303
- ## H
- hadroceps*, *Hyla* 80
haematiticus, *Bufo* 26
Haedeotriton 11
hainanensis, *Amolops* 241
hainanensis, *Tylototriton* 310,
 311
haitianus, *Eleutherodactylus* 148
Hammatodactylus 130
Hamptophryne 7, 200
haraldmeieri, *Mantella* 182
haraldmeieri, *Mantella*
 madascariensis 182
harrissoni, *Rhacophorus* 294
hartwegi, *Plectrohyla* 93, 94
hascheana, *Rana* 261
hascheana, *Taylorana* 231, 261
hascheanus, *Poypedates* 221,
 231
hassanensis, *Philautus* 290, 291
hauthali, *Telmatobius* 179
hayii, *Oloolygon*, 88, 100
hayii, *Scinax* 88, 100
hazarensis, *Paa* 248, 261
hazarensis, *Rana* 248, 261
heckscheri, *Rana* 262
hecticus, *Rhacophorus* 294
hectus, *Eleutherodactylus* 148
hedricki, *Eleutherodactylus* 148
heinrichi, *Limnonectes* 223, 262
heinrichi, *Rana* 223, 262
hejiangensis, *Rana* 262
helenae, *Centrolenella* 45
helenae, *Cochranella* 45
helenae, *Gastrotheca* 72
Heleophryne 3, 68
Heleophryne hewitti
Heleioporus 8
Heleophrynidae 3
hellmichi, *Chthonerpeton* 316
heloderma, *Centrolenella* 35
helodermatu, *Centrolene* 35
helonotus, *Eleutherodactylus* 148
hematogaster, *Arthroleptis* 15,
 17
hematogaster, *Schoutedenella*
 15, 17
Hemidactyliini 302
heminota, *Eleutherodactylus* 148
Hemidactylum 11
Hemiphractinae 4, 69
- Hemiphractus* 4, 75
Hemiphractus proboscideus 75
Hemiphractus spixii 75
Hemisidae 69
Hemisotidae 3, 69
Hemisus 3, 69
Hemisus brachydactylum 69
Hemisus brachydactylus 69
Hemisus guineense 69
Hemisus guineensis 69
Hemisus guttatum 69
Hemisus guttatus 69
Hemisus marmoratum 69
Hemisus marmoratus 69
Hemisus microscaphus 69
Hemisus olivaceum 69
Hemisus olivaceus 69
Hemisus wittei 69
herminae, *Mannophryne* 64
herminae, *Prostherapis* 64
hernandezi, *Eleutherodactylus*
 148
Herpele 12
Herpele bornmuelleri 315
herrei, *Micrixalus* 245
hesperia, *Centrolenella* 36
hesperium, *Centrolene* 36
Heterixalus 5, 115
Heterixalus andrakata 115
Heterixalus betsileo 115
Heterixalus boettgeri 115
Heterixalus mocquardi 115
Heterixalus nossibeensis 115
Heterixalus tricolor 115
Heterixalus variabilis 115
heterodactylus,
 Eleutherodactylus 148
hewitti, *Heleophryne* 68
hexadactyla, *Rana* 219, 262
hexadactylus, *Euphyctis* 219,
 262
heyeri, *Oloolygon* 101
heyeri, *Phyllonastes* 176
heyeri, *Scinax* 101
heymonsi, *Microhyla* 202
hidamontanus, *Hynobius* 300,
 301
hiemalis, *Hyla* 101
hiemalis, *Scinax* 101
hilihorlo, *Mixophyes* 208
hildebrandti, *Mantipus* 196
Hildebrandtia 10, 235, 245
Hildebrandtia largeni 235
hillmani, *Balebreviceps* 193
himalayana, *Rana* 241
himalayanus, *Amolops* 241
hobarti, *Bufo* 30
hobartsmithi, *Eleutherodactylus*
 148
hochstetteri, *Leiopelma* 122

- hoehnei*, *Eleutherodactylus* 149
hoeschi, *Bufo* 26
hoffmani, *Plethodon* 306
holbrookii, *Rana* 215
Holoaden 6, 129, 174
Holoaden luederwaldi 174
hololiu, *Bufo* 26
holsti, *Rana* 250, 262
holti, *Eleutherodactylus* 149
holti, *Eleutherodactylus*
unistrigatus 149
holtzi, *Rana* 262
hongkongensis, *Amolops* 241
Hoplobatrachus 9, 218, 219, 221,
251
Hoplobatrachus ceylanicus 219,
221
Hoplobatrachus crassus 219, 256
Hoplobatrachus demarchii 219,
257
Hoplobatrachus occipitalis 219,
270
Hoplobatrachus rugulosus 220,
273
Hoplobatrachus tigerinus 220,
278
Hoplophryne 7, 200
Hoplophryinae 200
horrida, *Laurentomantis* 182
hosii, *Philautus* 290
hosii, *Rana* 262
hosii, *Rhacophorus* 289
hosmeri, *Cophixalus* 199
hosmeri, *Nyctimystes* 108
huanrensis, *Rana* 262
hubeiensis, *Rana* 262
hubneri, *Oreophrynella* 32
hubrichti, *Plethodon* 306
Huia 240, 241, 243
Huia javana 241
Huia sumatrana 243
humbertoi, *Gastrotheca* 72
humeralis, *Rana* 250, 262
Humerana 250, 262, 268, 270
humicola, *Callulops* 189, 191
humicola, *Phrynomantis* 189,
191
humilis, *Colostethus* 55
humilis, *Oloolygon*, 88, 101
humilis, *Scinax* 88, 101
hungfuensis, *Rhacophorus* 294
huon, *Xenobatrachus* 192
Hyalinobatrachium 3, 49
Hyalinobatrachium antisthenesi
38, 49
Hyalinobatrachium
aureoguttatum 49
Hyalinobatrachium bergeri 39,
49
Hyalinobatrachium chirripoi 39,
49
Hyalinobatrachium
colymbiphyllum 39, 49
Hyalinobatrachium durantii 50
Hyalinobatrachium eurygnathum
39, 41, 50
Hyalinobatrachium fleischmanni
39, 49, 50, 51, 52
Hyalinobatrachium fragilis 50
Hyalinobatrachium iaspidiensis
50
Hyalinobatrachium
loreocarinatum 50
Hyalinobatrachium munozorum
40, 51
Hyalinobatrachium orientalis 41,
51
Hyalinobatrachium
ostracodermoides 51
Hyalinobatrachium pallidum 51
Hyalinobatrachium parvulum 41,
51, 52
Hyalinobatrachium pellucium
41, 51
Hyalinobatrachium
pleurolineatum 52
Hyalinobatrachium pulveratum
41, 52
Hyalinobatrachium revocatum
52
Hyalinobatrachium talamancae
42, 52
Hyalinobatrachium taylori 42, 52
Hyalinobatrachium
uranoscopum 38, 39, 40, 42,
51, 52
Hyalinobatrachium valerioi 42,
53
Hyalinobatrachium vireovittatum
42, 53
hybotragus, *Eleutherodactylus*
149
hybrida, *Centrolene* 36
Hydrolaetare 5, 125
Hydromantes 11, 303, 304
Hydromantes italicus 303
Hydromantes supramontis 304
Hydromantoides 303
Hydrophylax 250, 260, 267
Hyla 4, 76, 77, 95
Hyla albicans 77, 96
Hyla albofrenata 85
Hyla albomarginata 78
Hyla albopunctata 77
Hyla albosignata 77, 79, 80, 81
Hyla albiovittata 77
Hyla allenorum 77
Hyla angustilineata 77
Hyla anisitsi 77, 103
Hyla ariadne 77
Hyla arianae 78
Hyla arildae 78
Hyla argenteovirens 70
Hyla aurata 96
Hyla aurifasciatus 289
Hyla baudinii 105
Hyla benitezi 78
Hyla bifurca 78
Hyla boans 78, 85
Hyla bocourti 78
Hyla bogotensis 79, 81, 84
Hyla cadaverina 77, 78, 94
Hyla caingua 78
Hyla calcarata 78
Hyla callidryas 109
Hyla callipeza 78
Hyla callipygia 77, 79
Hyla catharinae 98
Hyla catharinae alcatraz 96
Hyla catracha 79
Hyla cavicola 77, 79
Hyla chimboae 142
Hyla chlorostea 79
Hyla cinerea 79
Hyla circumdata 80
Hyla crucialis 76
Hyla crucifer 77, 79, 94
Hyla elegans 79, 81
Hyla elkejungingeriae 79
Hyla erythromma 79, 95
Hyla euphorbiacea 78
Hyla evansi 75
Hyla eximia 78, 83, 94
Hyla duartei caldarum 98
Hyla fasciata 79, 84
Hyla favosa 80
Hyla fimbrimembra 80
Hyla fluminea 77, 80
Hyla garagoensis 80
Hyla geographica 84
Hyla gouveai 80
Hyla guentheri 80
Hyla hadroceps 80
Hyla hiemalis 101
Hyla hylax 80
Hyla ibitipoca 80
Hyla jahni 80
Hyla jureia 101
Hyla kanaima 81
Hyla koechlini 81
Hyla labialis 81, 82, 83
Hyla labialis krausi 81
Hyla larinopygion 81, 82, 83
Hyla leucophyllata 80
Hyla leucopygia 77
Hyla legleri 81, 95
Hyla leptolineata 81

- Hyla leucophyllata* 80, 81
Hyla leucopygia 81
Hyla littoralis 102
Hyla littorea 102
Hyla luteola 92
Hyla lynchi 81
Hyla leucotaenia 80
Hyla lythrodes 76, 81
Hyla macrotympaum 95
Hyla marginata 82
Hyla marianae 82, 92
Hyla marianitae 82
Hyla marmorata 80
Hyla marsupiata 70, 71
Hyla melanargyrea 82
Hyla melanomma 82
Hyla meridensis 82
Hyla microcephala 80
Hyla miliaria 82, 84
Hyla minera 82
Hyla minima 82
Hyla minuta 82, 85, 86
Hyla mirandaribeiroi 85
Hyla miyatai 82
Hyla nebulosa 78
Hyla nigerrima 59
Hyla paccha 82
Hyla parviceps 77, 80, 81, 83, 84, 85
Hyla pelidna 83
Hyla perkinsi 83
Hyla perpusilla v-signata 105
Hyla pinima 83, 85
Hyla pinorum 79
Hyla platydactyla 83
Hyla polytaenia 78, 83
Hyla psarolaima 83
Hyla ptychodactyla 83
Hyla pulchella 105
Hyla pulchilineata 83, 92
Hyla ranki 104
Hyla regilla 77, 83, 94
Hyla riveroi 84
Hyla rodriguezi 84, 91
Hyla roraima 84
Hyla rubra 96
Hyla rufiocularis 76, 84
Hyla ruschii 84
Hyla salvadorensis 84, 95
Hyla salvaje 84, 85
Hyla salvavida 76
Hyla schubarti 84
Hyla simmonsii 84
Hyla simplex 86
Hyla soaresi 84
Hyla soralia 77
Hyla steinbachii 79, 84
Hyla strigilata 96
Hyla strigilata eringiophila 105
Hyla timbeba 85
Hyla uranochroa 76, 77, 85
Hyla uruguaya 83, 85
Hyla valancifer 85
Hyla varelai 85
Hyla vasta 85, 92
Hyla vauterii 105
Hyla vilsoniana meridensis 82
Hyla warreni 85
Hyla wavrini 85
Hyla weygoldti 85
Hyla wilderi 86, 92
Hyla xapuriensis 86
Hyla zhaopingensis 86
Hyla zonata 92
Hylactophryne 6, 129, 131, 174
Hylactophryne augusti 135
Hylactophryne occidentalis 158, 174
Hylactophryne tarahumarensis 169, 174
hylaeformis, Eleutherodactylus 149
hylaos, Phrynobatrachus 234
Hylambates angolensis 121
Hylambates lebeauii 121
Hylaplesia 58
Hylarana 251, 258, 266, 277
Hylarana chapaensis 241
hylax, Hyla 80
Hylidae 1, 4, 69
Hylinae 4, 75
Hylobatrachus 183, 185, 186, 187
Hylodinae 5, 123
Hylodes 5, 124
Hylodes asper 124
Hylodes asperus 124
Hylodes babax 124
Hylodes charadranaetes 124
Hylodes fitzingeri 131
Hylodes glaber 124
Hylodes glabratus 124
Hylodes goeldii 125
Hylodes granulosus 141
Hylodes lateristrigatus 124
Hylodes martinicensis 132
Hylodes phyllodes 125
Hylodes ricordii 131
Hylodes whympersi 142
hyloides, Boophis 287
hyloides, Rhacophorus 286
Hylomantis 4, 109, 110
Hylomantis aspera 109, 111
Hylomantis granulosa 109
hylonomus, Adelastes 200
Hylophorbus 6
Hylopsis platycephala 105
Hylorina 6, 175
Hylorina sylvatica 175
Hymenochirus 9, 216
hymenopus, Rana 262, 281
hymenopus, Strongylopus 262, 281
Hynobiidae 11, 299
Hynobius 11, 300
Hynobius boulengeri 300
Hynobius chinensis 300
Hynobius hidmontanus 300
Hynobius leechii 300
Hynobius mantschuriensis 300
Hynobius nigrescens 300
Hynobius retardatus 301
Hynobius tenuis 301
Hynobius sadoensis 300
Hynobius yiwuensis 300
Hyophryne 7
Hyperoliidae 1, 4, 112, 217
Hyperoliinae 4, 112, 118, 119, 120, 122
Hyperolius 5, 112, 114, 115, 117
Hyperolius argus 115, 117
Hyperolius benguellensis 115, 116
Hyperolius brachiofasciatus 115
Hyperolius chrysogaster 115
Hyperolius destefanii 116, 117
Hyperolius friedrichsi 115
Hyperolius kivuensis 116
Hyperolius knysnae 114
Hyperolius koehleri 114, 116
Hyperolius krebsi 114, 116
Hyperolius leucotaenius 115
Hyperolius marginatus 116
Hyperolius marmoratus 115, 116, 117
Hyperolius mitchelli 116
Hyperolius mulleri 116, 118
Hyperolius nasutus 115, 116
Hyperolius obstetricans 114, 116
Hyperolius ocellatus 116
Hyperolius parkeri 117
Hyperolius pickersgilli 117
Hyperolius platyceps 117
Hyperolius platyceps major 117
Hyperolius puncticulatus 117
Hyperolius pygmaeus 114
Hyperolius quinquevittatus 117
Hyperolius reesi 117
Hyperolius salinae 117
Hyperolius semidiscus 115, 117
Hyperolius sheldricki 117
Hyperolius thomensis 117, 118
Hyperolius tuberilinguis 117
Hyperolius viridiflavus 117
Hyperolius viridiflavus reesi 117
Hyperolius zavattarii 117
Hyphogophis 12

Hypogeophis ristratus 313
hypomelas, *Bufo* 26
Hypopachus 7
hypostenor, *Eleutherodactylus*
 149
hypselocephalus, *Telmatobius*
 179

I

iaspidiensis, *Centrolenella* 50
iaspidiensis, *Hyalinobatrachium*
 50
ibanorum, *Limnonectes* 223, 263
ibanorum, *Rana* 223, 263
iberica, *Rana* 263
ibitipoca, *Hyla* 80
Ichthyophiidae 1, 13, 314, 315,
 317
Ichthyophiinae 314
Ichthyophis 13, 314
Ichthyophis beddomei 314
Ichthyophis longicephalus 314
Idiocranium 12
idiomelus, *Colostethus* 55
idiootocus, *Chirixalus* 288
ignescens, *Atelopus* 21
ignicolor, *Duellmanohyla* 76, 96
ignicolor, *Eleutherodactylus* 149
ignicolor, *Ptychohyla* 76, 96
ignota, *Centrolenella* 45
ignota, *Cochranella* 45
ijimae, *Rana* 263, 269
ilex, *Centrolene* 36, 40
ilex, *Centrolenella* 36, 40
imitator, *Dendrobates* 60
imitatrix, *Eleutherodactylus* 149
inaudax, *Mantidactylus* 186
inaudax, *Rana* 185
incanus, *Eleutherodactylus* 149
incomptus, *Eleutherodactylus*
 149, 160
indicus, *Melanobatrachus* 200
Indirana 10, 218, 251, 281
Indirana beddomii 253, 281, 282
Indirana brachytarsus 254, 281
Indirana diplosticta 258, 282
Indirana leithii 265, 282
Indirana leptodactyla 265, 282
Indirana phrynoderma 271, 282
Indirana semipalmata 274, 282
Indirana tenuilingua 278, 282
indistinctum, *Chthonerpeton* 315,
 316
Indotyphlus 12
infacetis, *Cophixalus* 199
inflexus, *Colostethus* 54, 55
infulata, *Mantophryne* 190, 191
infulata, *Phrynomantis* 190, 191
Ingerana 9, 218, 220, 221, 251

Ingerana baluensis 220
Ingerana liui 220, 231
Ingerana mariae 220
Ingerana reticulata 220
Ingerana sariba 220
Ingerana tasanae 221, 277
Ingerana tenasserimensis 220,
 221
Ingerana xizangensis 221
ingeri, *Dendrobates* 60, 63
ingeri, *Eleutherodactylus* 149
ingeri, *Epipedobates* 60, 63
ingeri, *Limnonectes* 224, 263
ingeri, *Ptychadena* 237
ingeri, *Philautus* 290
ingeri, *Rana* 224, 263
inguinalis, *Eleutherodactylus*
 149
inguinalis, *Mantipus* 194, 196
inguinalis, *Plethodontohyla* 194,
 196
inoptatus, *Leptodactylus* 132,
 149
inornata, *Microhyla* 202
inornata, *Micryletta* 202, 203,
 204
insignatus, *Eleutherodactylus*
 149
Insuetophrynus 6, 175
Insuetophrynus acarpicus 175
insularis, *Dyscophus* 198
intermedia, *Rana* 263, 277
intermedius, *Bufo* 26
intermedius, *Eleutherodactylus*
 149
interorbitalis, *Eleutherodactylus*
 150, 177
interorbitalis, *Syrrophus* 150,
 177
inundata, *Uperoleia* 210
inusitatus, *Eleutherodactylus* 150
inyangae, *Bufo* 26
ionthus, *Eleutherodactylus* 150
ionthus, *Eleutherodactylus*
varians 171
Ischnocnema 6, 129
Ischnocnema saxatilis 175
ishikawae, *Rana* 263
italica, *Rana* 263
italica, *Rana graeca* 261, 263
italicus, *Hydromantes* 303
Ixalotriton 11, 304
Ixalotriton niger 304
Ixalus longicrus 290
Ixalus opisthorhodus 245
Ixalus petersi 292
Ixalus sarasinorum 291
Ixalus warschewitschii 251
ixil, *Plectrohyla* 93

izecksohni, *Eleutherodactylus*
 150

J

jacobuspetersi, *Colostethus* 55
jaegeri, *Boophis* 287
jahni, *Hyla* 80
jaime, *Eleutherodactylus* 150
jamaicensis, *Eleutherodactylus*
 150
jandaia, *Phasmahyla* 110, 111
jandaia, *Phyllomedusa* 110, 111
japonica, *Rana* 252, 263, 266,
 274, 277
japonicus, *Bufo* 26
jasperi, *Eleutherodactylus* 131,
 150
javana, *Huia* 241
javanus, *Amolops* 241
javanus, *Rhacophorus* 294
jeanneae, *Discoglossus* 68
jerboa, *Amolops* 242
jerdonii, *Philautus* 290, 295
jerdonii, *Rhacophorus* 290, 295
jeudii, *Litoria* 107
jimiensis, *Rana* 251, 263
jingdongensis, *Scutiger* 214
jinjiangensis, *Amolops* 242
jinxuensis, *Philautus* 291
jiulongensis, *Paa* 248
jiulongensis, *Rana* 248
jiulongshanensis, *Vibrissaphora*
 212
joazeirensis, *Ceratophrys* 123
johannesdei, *Eleutherodactylus*
 150
johnelsi, *Centrolenella* 40
johni, *Rana* 263
johnstoni, *Rana* 263
johnstonei, *Eleutherodactylus*
 150
jordani, *Bufo* 26
jota, *Eleutherodactylus* 151
jugans, *Eleutherodactylus* 151
juimirim, *Cycloramphus* 131
juipoca, *Eleutherodactylus* 151
juliani, *Rana* 264
junaluska, *Eurycea* 302, 303
juninensis, *Phrynopus* 175
juninensis, *Syrrophus* 175, 179
juninensis, *Telmatobius* 179
junori, *Eleutherodactylus* 151
jureia, *Hyla* 101
jureia, *Scinax* 101

K

kajau, *Rhacophorus* 295
Kalophrynus 7, 201

Kalophrynus baluensis 201
Kalophrynus pleurostigma 201
Kaloula 7, 201
Kaloula pulchra 201
kampeni, *Rana* 264
kanaima, *Hyla* 81
karelini, *Triton* 311
karelini, *Triturus* 311
karlschmidti, *Batrachuperus* 299
karlschmidti, *Eleutherodactylus* 151
Kassina 5, 118, 119
Kassina arboricola 118
Kassina parkeri 118
Kassina senegalensis 118
Kassina somalica 118
Kassina wealii 119
Kassininae 5, 112, 118, 119
Kassinula 5, 112, 118, 119
Kassinula wittei 119
katoptroides, *Eleutherodactylus* 151
kaulbacki, *Amolops* 242
kautskyi, *Olotygon* 101
Kassinula 5
kautskyi, *Phyllodytes* 92
kautskyi, *Scinax* 101
kavangensis, *Bufo* 26
keilingi, *Ptychocheilus* 237
kempfi, *Phrynomantis* 175
kempholeyensis, *Nannobatrachus* 246, 283
kempholeyensis, *Nyctibatrachus* 246, 283
kempfi, *Megaphrynus* 213
kenepaiensis, *Limnonectes* 224
kenepaiensis, *Rana* *paramacrodon* 224
kennedyi, *Olotygon*, 88, 101
kennedyi, *Scinax* 88, 101
kentuckyi, *Plethodon* 306
keralensis, *Limnonectes* 224, 264
keralensis, *Rana* 224, 264
kerangae, *Philautus* 290
kerinyague, *Bufo* 26
kezeri, *Rhyacotriton* 309
khammonensis, *Limnonectes* 224, 264
khammonensis, *Rana* 224, 264
khare, *Pterorana* 251, 264
hasiana, *Rana* 224, 264
hasianus, *Limnonectes* 224, 264
hasianus, *Pyxicephalus* 224
kiamichi, *Plethodon* 306
kirkii, *Scolecophorus* 315
kirklandi, *Eleutherodactylus* 151
Kirtixalus 289, 290
kisatchie, *Plethodon* 306
kivunensis, *Hyperolius* 116
klemmeri, *Mantidactylus* 186

linikowskii, *Eleutherodactylus* 151
knysnae, *Afraxalus* 114
knysnae, *Hyperolius* 114
koehlii, *Hyla* 81
koehleri, *Chlorolius* 114, 116
koehleri, *Hyperolius* 114, 116
koepkeorum, *Oscacilia* 313
kohchangae, *Limnonectes* 224, 264
kohchangae, *Rana* 224, 264
kopsteini, *Callulops* 189, 191
kopsteini, *Phrynomantis* 189, 191
kounhiensis, *Paracassina* 119
kounhiensis, *Tornierella* 119
krausi, *Hyla labialis* 81
krebsi, *Arlequinus* 114, 116
krebsi, *Hyperolius* 114, 116
krefftii, *Rana* 264
krugerensis, *Tomopterna* 284
kuhlhii, *Limnonectes* 222, 223, 224, 226, 227, 229, 264
kuhlhii, *Rana* 221, 224, 264
kunapalari, *Neobatrachus* 208
kweichowensis, *Tylosotriton* 311
Kyarranus 8

L

labialis, *Cystignathus* 126
labialis, *Hyla* 81, 82, 83
labialis krausi, *Hyla* 81
labialis, *Leptodactylus* 125, 126
labiatum, *Molge* 310
labrosa, *Tomopterna* 284
Lacerta caudiverbera 130
lacertosa, *Plectrohyla* 93
lacrimosus, *Colostethus* 56
lacrimosus, *Eleutherodactylus* 143, 151, 169, 173
lacteus, *Eleutherodactylus* 151
lacustre, *Ambystoma* 298
lacustris, *Ambystoma* 298
Ladailadne 131
laeve, *Phrynomantis* 196
laevigata, *Uperoleia* 210
laevipes, *Mantipus* 194, 196
laevipes, *Plethodontohyla* 194, 196
laevis, *Occidozyga* 230
laevis, *Phrynoglossus* 230
laevis, *Plethodontohyla* 196
laevis, *Xenopus* 217
lamasi, *Dendrobates* 60
lameerei, *Arthroleptis* 15, 17
lameerei, *Schoutedenella* 15, 17
lamottei, *Crotaphatrema* 315
lamottei, *Scolecophorus* 315
lamprotes, *Eleutherodactylus* 151

lancinii, *Eleutherodactylus* 151
langanoensis, *Bufo* 26
lanthanites, *Eleutherodactylus* 151
Lanzarana 10, 235, 245
Lanzarana largeni 235
largeni, *Hildebrandtia* 235
largeni, *Lanzarana* 235
larinopygion, *Hyla* 81, 82, 83
latastei, *Rana* 264
latens, *Eleutherodactylus* 151
lateonota, *Gastrotheca* 72
laterale, *Ambystoma* 298
lateralis, *Mantophryne* 190, 191
lateralis, *Phrynomantis* 190, 191
lateralis, *Rana* 265
lateristrigatus, *Hylodes* 124, 125
laticeps, *Eleutherodactylus* 152, 168, 172
laticeps, *Limnonectes* 224, 265
laticeps, *Rana* 224, 265
laticlavus, *Eleutherodactylus* 152
latidiscus, *Eleutherodactylus* 152
latifrons, *Bufo* 24, 27
latinus, *Phyllobates* 53
latouchii, *Rana* 265
lawrentii, *Boophis* 286, 287
Laurentomantis 6, 181, 232
Laurentomantis horrida 182
Laurentomantis ventrimaculata 182
Laurentophryne 3
laurutensis, *Amolops* 242
laucuricae, *Gastrotheca* 73
lebeau, *Hylambates* 121
lebeau, *Leptopelis* 121
leberi, *Eleutherodactylus* 152
Lechriodus 8
leechii, *Hynobius* 300
legleri, *Hyla* 81, 96
legleri, *Ptychohyla* 81, 95
Leiopelma 5, 122
Leiopelma hochstetteri 122
Leiopelmatidae 5, 122
leithii, *Indirana* 265, 282
leithii, *Rana* 265, 282
lemairii, *Rana* 265
lentiginosa, *Centrolenella* 36
lentiginosum, *Centrolene* 36
lentiginosus, *Eleutherodactylus* 152, 155, 156
lentus, *Eleutherodactylus* 152
leonardi, *Phlyctimantis* 119
leoncei, *Eleutherodactylus* 152
leoni, *Eleutherodactylus* 152
leopardalis, *Colostethus* 56
Lepidobatrachus 5, 123
Lepidobatrachus asper 123
Lepidobatrachus ilanensis 123

- lepieuri*, *Osteocephalus* 91
leprus, *Eleutherodactylus* 152, 177
leprus, *Syrhophus* 152, 177
Leptobrachella 8, 212
Leptobrachella mjobergi 212
Leptobrachella palmata 212
Leptobrachella serasanae 212
Leptobrachium 8, 212
Leptobrachium liui 212, 213
Leptobrachium pullum 212
Leptobrachium pullus 212
Leptobrachium yaoshanense 213
leptodactyla, *Indirana* 265, 282
leptodactyla, *Rana* 265, 282
Leptodactylidae 5, 53, 122, 130
Leptodactylinae 5, 125
Leptodactylon 2
Leptodactylus 5, 125
Leptodactylus fragilis 125
Leptodactylus fuscus 126
Leptodactylus gracilis 126
Leptodactylus inopitatus 132
Leptodactylus labialis 125, 126
Leptodactylus melanonotus 126
Leptodactylus ocellatus 283
Leptodactylus plaumanni 126
Leptodactylus rhodomystax 126
Leptodactylus rhodonotus 126
Leptodactylus wagneri 125
leptoglossa, *Rana* 265
Leptolalax 9, 212
Leptolalax dringi 213
Leptlax pelodytoides 213
leptolineata, *Hyla* 81
leptolophus, *Eleutherodactylus* 152, 154, 166, 171
Leptomantis 293, 294, 296
Leptomantis bimaculata 293
Leptopelinae 5, 112, 120
Leptopelis 5
Leptopelis argeneteus 120, 121
Leptopelis argenteus meridionalis 121
Leptopelis aubreyi 120
Leptopelis bocagii 120, 121
Leptopelis broadleyi 120, 121
Leptopelis calcaratus 122
Leptopelis calcaratus meridionalis 121
Leptopelis concolor 120, 121
Leptopelis cynamomeus 121
Leptopelis flavomaculatus 121
Leptopelis gramineus 121
Leptopelis lebeau 121
Leptopelis millsoni 121
Leptopelis moeroensis 121
Leptopelis mossambicus 121
Leptopelis omissus 122
Leptopelis palmatus 122
Leptopelis parvocagii 122
Leptopelis rufus 122
Leptopelis vannutellii 122
Leptopelis viridis 122
Leptophryne 3
leptopus, *Ansonia* 20
leptopus, *Batrachyla* 130
leptoscelis, *Bufo* 27, 29
lepus, *Rana* 265
lermaense, *Ambystoma* 298
leschenaultii, *Rana* 218
lessanae, *Rana* 265
leucofasciatus 295
leucomaculatus, *Boophis* 186, 287
leucomaculatus, *Mantidactylus* 186, 287
leucomystax, *Polypedates* 292, 295
leucomystax, *Rhacophorus* 293, 295, 297
leucophyllata, *Hyla* 80, 81
leucopus, *Eleutherodactylus* 153
leucopygia, *Hyla* 77, 81
leucorhinus, *Philautus* 291
leucorhynchus, *Tomopterna* 284
leucotaenia, *Hyla* 80
leucotaenius, *Hyperolius* 115
Leurognathus 11
levantina, *Rana* 265
leytensis, *Limnometes* 224, 265
leytensis, *Rana* 224, 225, 265
liber, *Mantidactylus* 186
liberiensis, *Nectophrynoides* 31, 32
liberiensis, *Nimbaphrynoides* 31, 32
lichenatus, *Trachycephalus* 76
liebigii, *Paa* 247, 248, 249, 265
liebigii, *Rana* 246, 248, 265
lifanensis, *Amolops* 242
lifanensis, *Staurois* 242
limbatus, *Eleutherodactylus* 153, 176
limbatus, *Phyllobates* 131
limbatus, *Sminthillus* 176
limbatus orientalis, *Eleutherodactylus* 135
limborgii, *Rana* 231
limborgii, *Taylorana* 231
Limnaoedus 4, 86
Limnaoedus ocularis 86, 94
limnocharis, *Limnometes* 221, 225, 227, 266
limnocharis, *Rana* 221, 225, 266
limnocharis vittigera, *Rana* 229
Limnodynastes 8
Limnodynastinae 8, 208
Limnodryes nigrovittatus 251
Limnodytes phylliphila 245
Limnomedusa 5, 126
Limnomedusa schmidtii 125
Limnometes 9, 218, 221–229, 231, 245, 251, 260
Limnometes acanthi 221
Limnometes andamanensis 221
Limnometes arathooni 222, 253
Limnometes blythii 222, 254
Limnometes brevipalmatus 222, 254
Limnometes cancrivorus 222, 255
Limnometes corrugatus 222, 256
Limnometes dabanus 222
Limnometes dammermani 222
Limnometes diuata 222, 258
Limnometes doriae 223, 258
Limnometes finchi 223
Limnometes fragilis 223, 259
Limnometes greenii 223, 261
Limnometes grunniens 221, 222, 223, 224, 225, 226, 227, 229, 261
Limnometes gyldenstolpei 223
Limnometes heinrichi 223, 262
Limnometes ibanorum 223, 263
Limnometes ingeri 224, 263
Limnometes kenepaiensis 224
Limnometes keralensis 224, 264
Limnometes khammonensis 224, 264
Limnometes khasianus 224, 364
Limnometes kohchangae 224, 264
Limnometes kuhlmanni 222, 223, 224, 226, 227, 229, 264
Limnometes laticeps 224, 265
Limnometes leytensis 224, 265
Limnometes limnocharis 221, 225, 266
Limnometes macrocephalus 225
Limnometes macrodon 225, 266
Limnometes macrognathus 225, 266
Limnometes magnus 225, 267
Limnometes malesianus 225, 267
Limnometes mawlyndipi 225, 267
Limnometes mawphlangensis 226, 267
Limnometes micrixalus 226, 268
Limnometes microdiscus 222, 223, 225, 226, 227, 228, 229, 268
Limnometes microtympanum 226
Limnometes modestus 226, 268
Limnometes murthii 226, 269
Limnometes namiyei 226, 269

- Limnonectes nepalensis* 226, 269
Limnonectes nilagirica 227, 270
Limnonectes nitidus 227, 229, 270
Limnonectes palavanensis 227
Limnonectes paramacrodon 227, 271
Limnonectes parabikulamana 227, 285
Limnonectes parvus 227, 271
Limnonectes pierrei 227, 271
Limnonectes pileatus 228, 272
Limnonectes plicatellus 228, 272
Limnonectes raja 228, 273
Limnonectes rufescens 228, 285
Limnonectes sauriceps 228, 274
Limnonectes syhadrensis 228, 277
Limnonectes teraiensis 228
Limnonectes timorensis 228, 278
Limnonectes toumanoffi 228, 278
Limnonectes tweedei 227, 229, 279
Limnonectes verruculosus 229, 279
Limnonectes visayanus 229
Limnonectes vittiger 229
Limnonectes woodworthi 229, 280
Limnionectini 218
lincolni, *Bolitoglossa* 302
lindae, *Eleutherodactylus* 153
lindae, *Rhampophryne* 33
lindneri, *Bufo* 27
lindsayi, *Scinax* 101
lineata, *Rana* 126
lineatus, *Eleutherodactylus* 134, 153, 154
Lineatriton 11
lissobranchius, *Philautus* 291
Lithobates 251, 255, 271, 279
Lithodytes 5, 126
Lithodytes cinereus 145
lithomoda, *Uperoleia* 210, 211
litedis, *Gastrotheca* 73
Litoria 4, 106, 108
Litoria alboguttata 106
Litoria aruensis 108
Litoria bicolor 106
Litoria caerulea 106, 108
Litoria chloris 106
Litoria citropa 107
Litoria dahlui 106
Litoria electrica 106
Litoria exophthalmia 106
Litoria genimaculata 106
Litoria jeudii 107
Litoria maculata 107
Litoria microbelos 107
Litoria nigrofrenata 107
Litoria pearsoniana 107
Litoria personata 107
Litoria piperata 107
Litoria rubella 106, 107
Litoria spenceri 107
Litoria splendida 107
Litoria xanthomera 107
littlejohni, *Uperoleia* 211
littoralis, *Hyla* 102
littoralis, *Scinax* 102
littorea, *Hyla* 102
littorea, *Scinax* 102
Liua 11, 301
Liua shihi 301
liui, *Ingerana* 221, 231
liui, *Leptobrachium* 212
liui, *Paa* 248
liui, *Platymantis* 221, 231
liui, *Rana* 248
Liua 301
Liua shihi 301
Liuperus falcipes 128
Liuperus mexicanus 158
Liuperus nitidus 131
Liurana 220, 221
livida, *Rana* 266
lividus, *Eleutherodactylus* 153
llanensis, *Lepidobatrachus* 123
llanera, *Pseudopaludicola* 129
lochites, *Phyllonastes* 176
locustus, *Eleutherodactylus* 153
lojana, *Gastrotheca* 73
lojana, *Gastrotheca marsupiata* 73
loloensis, *Amolops* 242
longdongensis, *Batrachuperus* 300
longicephalus, *Ichthyophis* 314
longichuanensis, *Philautus* 291
longicrus, *Ixalus* 290
longicrus, *Philautus* 290, 291
longicrus, *Rana* 263, 266
longidigita gryllivoca, *Ansonia* 20
longilinea, *Otolygon*, 88, 102
longilinea, *Scinax* 88, 102
longimanus, *Amolops* 242
longimanus, *Rana* 242, 266
longinasus, *Rhacophorus* 292, 295
longipes, *Eleutherodactylus* 153, 177
longipes, *Gastrotheca* 73
longipes, *Rana* 266
longipes, *Syrhophus* 153, 177
longipes, *Xenopus* 217
longirostris, *Eleutherodactylus* 153
longirostris, *Ptychadena* 237
loreocarinata, *Centrolenella* 50
loreocarinarum,
Hyalinobatrachium 50
louisadensis, *Mantophryne* 190, 191
louisadensis, *Phrynomantis* 190, 191
loustes, *Eleutherodactylus* 149, 150, 153
loveridgei, *Arthroleptis* 15, 17
loveridgei, *Schoutedenella* 15, 17
loveridgei, *Stephopaedes* 33
lucioi, *Eleutherodactylus* 153
luctuosa, *Rana* 266
luederwaldi, *Holoaden* 174
Luetkenotyphlus 12, 313
Luetkenotyphlus brasiliensis 313, 314
lugubris, *Mantidactylus* 186, 187
luizotavioi, *Otolygon* 102
luizotavioi, *Scinax* 102
lungshengensis, *Rana* 266
lutea, *Geocrinia* 209
luteola, *Hyla* 92
luteolabris Osteocephalus 91
luteolateralis, *Eleutherodactylus* 153
luteolus, *Eleutherodactylus* 153
luteus, *Boophis* 287
luteus, *Mantidactylus* 186
lutiis, *Eleutherodactylus* 153
Lutkenotyphlus 313
Lutkenotyphlus brasiliensis 313
lutzae, *Megaelosia* 125
luzonensis, *Rana* 265
lutzi, *Paratelmatobius* 126
lutzorum, *Centrolenella* 40
lymani, *Eleutherodactylus* 154
lynchi, *Centrolene* 36, 40
lynchi, *Centrolenella* 36, 40
lynchi, *Eleutherodactylus* 154
lynchi, *Hyla* 81
lynchi, *Phyllonastes* 176
Lynchophrys 6
Lysapsus 9
Lysapsus mantidactylus 217
lythodes, *Duellmanohyla* 76, 81
lythodes, *Eleutherodactylus* 154
lythodes, *Hyla* 76

M

- mababiensis*, *Phrynobatrachus* 234
maccarthysensis, *Ptychadena* 237
maddocki, *Eleutherodactylus* 153, 154
machadoi, *Otolygon*, 88, 102
machadoi, *Scinax* 88, 102
macrocephala, *Rana macrodon* 225

- macrocephalus*, *Limnonectes* 225
macrocnemis, *Rana* 266
macrodactyla, *Rana* 266
macrodon, *Limnonectes* 225, 266
macrodon, *Rana* 221, 225, 266
macrodon macrocephalus, *Rana* 225
macrodon visayanus, *Rana* 229
Macrogenioglottus 6, 123, 175
Macrogenioglottus alipioi 174
macroglossa, *Rana* 266
macroglossus, *Cystignathus* 126
macrognathus dabana, *Rana* 222
macrognathus, *Limnonectes* 225, 266
macrognathus, *Rana* 225, 266
macrophthalmus, *Amolops* 242
macrops, *Rana* 266
macrorhynchus, *Amolops* 242
macroseles, *Platymantis* 231
macrotympaum, *Hyla* 95
macrotympaum, *Ptychohyla* 95
maculata, *Hyla* 107
maculata, *Litoria* 107
maculata, *Rana* 267
maculatus, *Breviceps* 193
maculatus, *Bufo* 27
maculatus, *Dendrobates* 60, 63
maculatus, *Epipedobates* 60, 63
maculifera, *Microhyla* 202
maculiventris, *Physalaemus* 127
maculosa chayensis, *Rana* 247
maculosa, *Paa* 247, 249, 267
maculosa, *Rana* 249, 267
maculosa, *Siren* 308
maculosus, *Colostethus* 56
maculosus, *Eleutherodactylus* 154
madagascariense,
Pseudohemias 206, 207
madagascariensis,
Aglyptodactylus 286
madagascariensis, *Boophis* 286, 287
madagascariensis, *Mantella* 183
madagascariensis haraldmeieri,
Mantella 182
madagascariensis,
Scaphiophryne 206, 207
madagascariensis, *Stumpffia* 197
Madecassophryne 7, 194
madecassus, *Mantidactylus* 187
magna, *Rana* 225, 267
magnacocularis, *Rana* 267
magnapustulosa, *Occidozyga* 230, 231
magnapustulosa, *Phrynoglossus* 230, 231
magnus, *Limnonectes* 225, 267
major, *Boophis* 287
major, *Hyperolius platyceps* 117
major, *Mantidactylus* 187
major, *Megalophrys* 214
major, *Nyctibatrachus* 278, 283
malabarica, *Rana* 251, 267
malabaricus, *Rhacophorus* 293, 295
malcolmi, *Altiphrynoides* 19, 31
malcolmi, *Nectophrynoides* 19, 31
malesiana, *Rana* 225, 267
malesianus, *Limnonectes* 225, 267
malkini, *Eleutherodactylus* 154
mammatus, *Scutiger* 214
mandraka, *Boophis* 287
manipus, *Eleutherodactylus* 154
Mannophryne 3, 64
Mannophryne collaris 54, 64
Mannophryne herminae 64
Mannophryne neblina 56, 64
Mannophryne oblitteratus 65
Mannophryne olmonae 57, 65
Mannophryne riveroi 47, 65
Mannophryne trinitatis 58, 65
Mannophryne yustizi 65
manshanensis, *Megophrys* 213
Mantella 6, 181, 182, 232
Mantella aurantiaca 182
Mantella betsileo 182, 183
Mantella cowani 182
Mantella crocea 182
Mantella expectata 182
Mantella haraldmeieri 182
Mantella madagascariensis 182, 183
Mantella madagascariensis haraldmeieri 182
Mantella pulchra 183
Mantella viridis 183
Mantellidae 1, 6, 181, 218, 231, 232, 285
Mantellinae 181, 217, 231, 232
mantidactyla, *Pseudis* 217
mantidactylus, *Lysapsus* 217
Mantidactylus 6, 181, 183, 186, 232
Mantidactylus acuticeps 183
Mantidactylus aerumnalis 183, 184
Mantidactylus aglavei 183
Mantidactylus albofrenatus 183, 187
Mantidactylus albolineatus 183
Mantidactylus alutus
Mantidactylus ambohimitombi 184
Mantidactylus argenteus 184, 185, 186, 188
Mantidactylus asper 184
Mantidactylus bertini 184
Mantidactylus betsileanus 184
Mantidactylus bicalcaratus 184
Mantidactylus biporus 184, 188
Mantidactylus blanci 184
Mantidactylus blommersae 184
Mantidactylus boulengeri 184
Mantidactylus bourgati 184, 185
Mantidactylus brauni 184
Mantidactylus brevipalmatus 183, 184
Mantidactylus cornutus 184
Mantidactylus curtus 184, 185, 186
Mantidactylus decaryi 184, 185
Mantidactylus depressiceps 185, 187, 188
Mantidactylus domerguei 185
Mantidactylus eiselti 185
Mantidactylus elegans 185, 186
Mantidactylus femoralis 185, 187
Mantidactylus flavicrus 185
Mantidactylus flavobrunneus 185
Mantidactylus glandulosus 186, 187
Mantidactylus grandidieri 186
Mantidactylus grandisonae 186
Mantidactylus granulatus 184, 186, 187, 188
Mantidactylus guibei 185, 186
Mantidactylus gutturalis 186, 187
Mantidactylus inaudax 186
Mantidactylus klemmeri 186
Mantidactylus leucomaculatus 186, 287
Mantidactylus liber 186
Mantidactylus lugubris 185, 186, 187
Mantidactylus luteus 186
Mantidactylus madecassus 187
Mantidactylus major 187
Mantidactylus microtympaum 187
Mantidactylus mocquardi 187
Mantidactylus opiparis 187
Mantidactylus pauliani 187
Mantidactylus peraccae 187
Mantidactylus plicifer 187
Mantidactylus poissoni 185
Mantidactylus pseudoasper 186, 187
Mantidactylus pulcher 183, 184, 186, 187
Mantidactylus punctatus 187
Mantidactylus redimitus 184, 185, 186, 187, 188
Mantidactylus spinifer 188
Mantidactylus spiniferus 188
Mantidactylus tornieri 188

- Mantidactylus tricinctus* 184, 188
Mantidactylus tripunctatus 184
Mantidactylus ulcerosus 183, 184, 185, 187, 188
Mantidactylus webbi 188
Mantidactylus wittei 188
Mantipus 7, 194, 196
Mantipus angulifer 194, 196
Mantipus bipunctatus 194, 196
Mantipus guetherpetersi 194, 196
Mantipus hildebrandti 196
Mantipus inguinalis 194, 196
Mantipus laevipes 194, 196
Mantipus minutus 195, 196
Mantipus serratopalpebrosus 195, 196
Mantophryne 6, 190
Mantophryne infulata 190
Mantophryne lateralis 190
Mantophryne lousiadiensis 190
mantschuriensis, *Hynobius* 300
mantzorum, *Amolops* 242
maosonensis, *Rana* 267
maracaya, *Olotygon* 88, 102
maracaya, *Scinax* 88, 102
marcusi, *Caecilia* 312
margaratae, *Rana* 267
margaretae, *Rana* 251, 261, 267
margariana, *Rana* 267
margaritifera, *Nyctixalus* 289
marginata, *Hyla* 82
marginata, *Phrynomedusa* 110, 111
marginata, *Phyllomedusa* 110, 111
marginatus, *Hyperolius* 116
mariae, *Centrolenella* 40, 45
mariae, *Cochranella* 40, 45
mariae, *Ingerana* 221, 245
mariae, *Micrixalus* 221, 245
marianae, *Hyla* 82, 92
marianitae, *Hyla* 82
marinus, *Bufo* 27, 28
mariposa, *Eleutherodactylus* 154
marmorata, *Adenomera* 125
marmorata, *Ctenophryne* 205
marmorata, *Hyla* 80
marmorata, *Pleurodema* 128
marmorata, *Tomopterna* 284
marmorata, *Uperoleia* 211
marmoratum, *Engystoma* 204
marmoratum, *Hemisus* 69
marmoratum, *Pleurodema* 128
marmoratus, *Eleutherodactylus* 154
marmoratus, *Hemisus* 69
marmoratus, *Hyperolius* 115, 116, 117
marmoreiventris, *Colostethus* 56
marnockii, *Eleutherodactylus* 154, 177
marnockii, *Syrhophus* 131, 132, 154, 177
marsupiat, *Gastrotheca* 71, 72, 73
marsupiat, *lojana*, *Gastrotheca* 73
marsupiat, *Hyla* 70
martensii, *Occidozyga* 230, 231
martensii, *Phrynoglossus* 230, 231
martiae, *Eleutherodactylus* 154
martini, *Uperoleia* 211
martinicensis, *Eleutherodactylus* 154
martinicensis, *Hylodes* 132
masakoi, *Aubria* 240
mascareniensis, *Ptychadena* 237
matudai, *Eleutherodactylus* 155
matudai, *Plectrohyla* 93
mauritanicus, *Bufo* 27
maurus, *Eleutherodactylus* 155, 180
maussi, *Eleutherodactylus* 155
maxima, *Bombina* 68
maximus, *Rhacophorus* 295
mawlyndipi, *Limnonectes* 225
mawlyndipi, *Rana* 225, 267
mawphlangensis, *Limnonectes* 226, 267
mayorgai, *Colostethus* 56
mediarmidi, *Colostethus* 56
mcdonaldi, *Cophixalus* 199
medemi, *Centrolene* 36, 40
medemi, *Centrolenella* 36, 40
medemi, *Gastrotheca* 73
medinae, *Phyllomedusa* 112
medinai, *Phyllomedusa* 112
medogensis, *Philautus* 291
megacephalus, *Polypedates* 292
megacheira, *Centrolenella* 40, 45, 46
megacheira, *Cochranella* 40, 45
Megaelosia 5, 125
Megaelosia bufonia 125
Megaelosia lutzae 125
Megalixalus 122
megalops, *Eleutherodactylus* 155
megalotympanum, *Eleutherodactylus* 155
megalops, *Rana* 267, 279
megalotympanum, *Thoropa* 180
Megistolotis 8
megistra, *Centrolenella* 46
megistra, *Cochranella* 46
Megophryinae 212
Megalophrys gigas 214
Megalophrys major 214
Megalophrys wiegoldi 214
Megophrys 9, 212, 213, 214
Megophrys carinensis 212, 213
Megophrys edwardinae 213
Megophrys glandulosa 213
Megophrys kempi 213
Megophrys manshanensis 213
Megophrys microstoma 213, 214
Megophrys montana 213
Megophrys pachyprocta 213, 214
Megophrys poilani 214
Megophrys shapingsensis 212, 214
melacara, *Eleutherodactylus* 155
melanargyrea, *Hyla* 82
Melanobatrachinae 7, 200
Melanobatrachus 7, 200
Melanobatrachus indicus 200
melanogaster, *Cardioglossa* 17
melanomenta, *Rana* 267
melanomma, *Hyla* 82
melanomystax, *Phyllodyes* 92
melanonotus, *Leptodactylus* 126
melanonychus, *Xenobius* 301
Melanophryniscus 3, 31
Melanophryniscus orejasmirandi 31
Melanophryniscus tumifrons 31
melanopleura, *Bufo* 27, 29
melanoproctus, *Eleutherodactylus* 155
melanostictus, *Bufo* 24, 27
melanostictus, *Eleutherodactylus* 144, 155
melloi, *Olotygon* 102
melloi, *Scinax* 102
mendax, *Eleutherodactylus* 155
menglaensis, *Philautus* 291
merazi, *Ptychohyla* 95
mercedesae, *Eleutherodactylus* 155
meredonensis, *Eleutherodactylus* 155
meridensis, *Hyla* 82
meridensis, *Hyla wilsoniana* 82
meridionalis, *Leptopelis argenteus* 121
meridionalis, *Leptopelis calcaratus* 121
Meristogenys 240–243
merostictus, *Eleutherodactylus* 155
Mertensiella 12, 310
Mertensophryne 3, 27, 29, 31
Mertensophryne schmidtii 28, 31
Metacrinia 8, 209
Metacrinia nichollsi 209
Metaphrynella 8
mexicanus, *Eleutherodactylus* 156, 158, 174
mexicanus, *Liuperus* 158, 174

- miadis*, *Rana* 268
Micarthroleptis 233
Micrhyla 188
Micrhylina 188
Micrixalus 10, 220, 221, 245
Micrixalus baluensis 221, 245
Micrixalus borealis 221, 245
Micrixalus fuscus 245
Micrixalus herrei 245
Micrixalus mariae 220
Micrixalus opisthorhodus 245
Micrixalus phyllophilus 245
Micrixalus sarasinorum 246
Micrixalus tenasserimensis 221
micrixalus, *Limnonectes* 226, 268
micrixalus, *Rana* 226, 268
microbelos, *Litoria* 107
Microbatrachella 9
Microbatrachella capensis 232
Microcaecilia 12
microcephala, *Hyla* 80
microdeladigitata, *Bombina* 68
microdisca, *Gastrotheca* 72, 73
microdisca dammermani, *Rana* 222
microdisca finchi, *Rana* 223
microdisca, *Rana* 226, 268
microdiscus, *Limnonectes* 222, 223, 226, 227, 228, 229, 268
Microhyla 8, 201, 204
Microhyla achatina 201, 202, 203
Microhyla annamensis 202
Microhyla annectens 202
Microhyla berdmorei 202, 203
Microhyla borneensis 201
Microhyla butleri 201
Microhyla chakrapanii 202
Microhyla fowleri 202
Microhyla fusca 202
Microhyla heymonsi 202
Microhyla inornata 202
Microhyla maculifera 202
Microhyla mixtura 202
Microhyla okinavensis 203
Microhyla ornata 203
Microhyla palmata 203, 206
Microhyla palmipes 203
Microhyla perparva 203
Microhyla petrigena 203
Microhyla picta 203
Microhyla pulchra 203
Microhyla rubra 203
Microhyla supercilialis 203
Microhyla steinegeri 204
Microhyla zeylanica 203
Microhylidae 6, 188, 194
Microhylinae 7, 200, 206
micromeles, *Uperoleia* 211
Microphryne 181
microps, *Phrynomantis* 205, 206
microps, *Phrynomerus* 205, 206
microscaphus, *Hemisus* 69
microstoma, *Megophrys* 213, 214
microstomus, *Batrachophryne* 130
microtis, *Boophis* 287
microtympanum, *Boophis* 287, 288
microtympanum, *Limnonectes* 226
microtympanum, *Mantidactylus* 187
microtympanum, *Philautus* 291, 294, 295
microtympanum, *Rana* 226
microtympanum, *Rhacophorus* 246, 291, 295
Micryletta 8, 203
Micryletta inornata 203, 204
Micryletta steinegeri 204, 260
midas, *Centrolenella* 40, 46
midas, *Cochranella* 40, 46
migueli, *Cycloramphus* 131
milesi, *Eleutherodactylus* 140, 141, 156
miliaria, *Hyla* 82, 84
miliaris, *Rana* 180
miliaris, *Thoropa* 180
milleti, *Rana* 268
milletihorsini, *Arthroleptis* 15, 18
milletihorsini, *Schoutedenella* 15, 18
milloti, *Platypelis* 195
millsoni, *Leptopelis* 121
Mimosiphonops 12, 313, 314
Mimosiphonops reinhardtii 313
Mimosiphonops vermiculatus 313, 314
mimula, *Uperoleia* 211
mimus, *Eleutherodactylus* 156
Minascaecilia 12, 313
minera, *Hyla* 82
miniatus, *Boophis* 288
minica, *Paa* 248, 249
minica, *Rana* 249, 268
minima, *Hyla* 82
minima, *Rana* 250, 268
minor, *Ctenophryne* 200
minor, *Nyctibatrachus* 283
minshanicus, *Bufo* 27
minuta, *Aphantophryne* 198
minuta, *Hyla* 82, 85, 86
minuta, *Pseudis* 217
minuta, *Plethodontohyla* 195, 197
minutulus, *Atelopus* 20
minutus, *Dendrobates* 60, 66
minutus, *Eleutherodactylus* 156
minutus, *Mantipus* 195, 197
minutus, *Minyobates* 60, 66
minutus, *Phrynobatrachus* 234
minutus ventrimaculatus, *Dendrobates* 62
Minyobates 3, 59, 65
Minyobates abditus 59, 66
Minyobates altobueyensis 59, 65
Minyobates bombetes 59, 65, 66
Minyobates fulguritus 60, 66
Minyobates minutus 60, 66
Minyobates opisthomelas 61, 66
Minyobates steyermarki 61, 66
Minyobates viridis 62, 66
Minyobates virolinensis 66
miopus, *Rana* 268
mirandaribeiroi, *Hyla* 85
mirim, *Oolygon* 89
mirim, *Scinax* 89
missiessii, *Cystignathus* 180
mississippi, *Plethodon* 306
mittchelli, *Hyperolius* 116
mittermeieri, *Colostethus* 56
Mixophyes 8, 208
Mixophyes fasciolatus 208
Mixophyes fleayi 208
Mixophyes hihiorlo 208
mixtura, *Microhyla* 202
miyatai, *Eleutherodactylus* 156
miyatai, *Hyla* 82
mjobergi, *Leptobrachella* 212
mjobergi, *Philautus* 291
mjobergi, *Uperoleia* 211
mocquardi, *Heterixalus* 115
mocquardi, *Mantidactylus* 187
modesta, *Rana* 226, 268
modestus, *Eleutherodactylus* 156, 177
modestus, *Nyctibatrachus* 283
modestus, *Nyctibatrachus sanctipalustris* var. 283
modestus, *Limnonectes* 226, 268
modestus, *Rhacophorus* 295
modestus, *Syrrophus* 156, 177, 178
modipeplus, *Eleutherodactylus* 156
moehringi, *Proceratophrys* 176
moellendorffi, *Rana* 268
moeroensis, *Leptopelis* 121
molinari, *Colostethus* 56
molleri, *Hyperolius* 116, 118
molleri, *Nesionixalus* 116, 118
molossus, *Glyphoglossus* 201
moluccana, *Rana* 268
moltrechti, *Rhacophorus* 295
molybignus, *Eleutherodactylus* 156
mondolfii, *Eleutherodactylus* 156
monensis, *Eleutherodactylus* 156

monnichorum, *Eleutherodactylus* 156
montalentii, *Discoglossus* 68
montana, *Anodonthyla* 194
montana, *Megophrys* 213
montana, *Nyctimystes* 108
montanus, *Alsodes* 130, 178
montanus, *Eleutherodactylus* 157
montanus, *Nyctimystes* 108
montanus, *Philautus* 290, 291
montanus, *Telmalsodes* 130, 178
montezumae, *Rana* 268
monticola, *Alsodes* 130
monticola, *Amolops* 243
monticola, *Gastrotheca* 73
monticola, *Rhacophorus* 295
montivaga, *Rana* 268
moreirae, *Physalaemus* 127
moreirei, *Afraxalus*
septentrionalis 113
moro, *Eleutherodactylus* 157
mortenseni, *Rana* 269
moschatus, *Rhacophorus* 293
mossambica, *Ptychadena* 236, 237
mossambicus, *Breviceps* 193
mossambicus, *Leptopelis* 121
mossoensis, *Arthroleptis* 15, 18
mossoensis, *Schoutedenella* 15, 18
mucubajiensis, *Atelopus* 21
muiscas, *Atelopus* 21
muletensis, *Baleaphryne* 67, 68
muletensis, *Alytes* 67, 68
multiplicata, *Gymnopsis* 313
multisica, *Xenobatrachus* 192
munozorum, *Centrolenella* 51
munozorum, *Hyalinobatrachium* 40, 51
muricatus, *Eleutherodactylus* 157
murthii, *Limnonectes* 226, 269
murthii, *Rana* 226, 269
muscosa, *Rana* 269
muta, *Rana* 248
Mycetoglossini 302, 308
Myersiella 8
Myobatrachidae 8, 207
Myobatrachinae 8, 209
Myobatrachus 8, 209
myersi, *Dendrobates* 60, 63
myersi, *Eleutherodactylus* 157, 167
myersi, *Epipedobates* 60, 63
mystax, *Colostethus* 56
mysteriosus, *Dendrobates* 61
mysticalis, *Paludicola* 129
mysticalis, *Pseudopaludicola* 128, 129

N

namaquense, *Cacosternum* 232
namdaphaensis, *Philautus* 291
namdaphaensis, *Rhacophorus* 295
namiyei, *Limnonectes* 226, 269
namiyei, *Rana* 226, 269
nana, *Ptychadena* 237
Nannobatrachus 10 246
Nannobatrachus anamallaiensis 246, 283
Nannobatrachus beddomii 246, 283
Nannobatrachus kempholeyiensis 246, 283
Nannophrys 10, 246
Nanorana 10, 240, 246
Nanorana parkeri 240, 246
Nanorana pleskei 246
Nanorana ventripunctata 246
narina, *Rana* 250, 268, 269, 277
narinosa, *Nyctimystes* 108
narinosus, *Nyctimystes* 108
nasica, *Oloolygon* 89, 103
nasica, *Scinax* 89, 103
nasicus, *Amolops* 243
Nasirana 251, 252
naso, *Rhacophorus* 295, 297
nasutus, *Eleutherodactylus* 157
nasutus, *Hyperolius* 115, 116
nasutus, *Philautus* 291
natalensis, *Tomopterna* 285
Natalobatrachus 9
natator, *Petropedetes* 233
neblina, *Colostethus* 56, 64
neblina, *Mannophryne* 56, 64
nebulosa, *Hyla* 78
nebulosa, *Oloolygon* 89, 103
nebulosa, *Pleurodema* 128
nebulosa, *Scinax* 89, 103
nebulosum, *Pleurodema* 128
nebulosus, *Eleutherodactylus* 157
necerus, *Eleutherodactylus* 157
Nectocaecilia 13, 316
Nectocaecilia fasciata 316
Nectophryne 3
Nectophryne tornieri 31
Nectophrynoides 3, 19, 31, 32, 33
Nectophrynoides liberiensis 31, 32
Nectophrynoides malcolmi 31
Nectophrynoides occidentalis 31, 32
Nectophrynoides osgoodi 31, 33
Nectophrynoides wendyae 31
Necturus 11, 308
Nelsonophryne 8, 204

Nelsonophryne aequatorialis 201, 204
Nelsonophryne aterrima 201, 204
Neobatrachus 8
Neobatrachus fulvus 208
Neobatrachus kunapalari 208
Neobatrachus sutor 208
neodreptus, *Eleutherodactylus* 157
neovolcanica, *Rana* 269
nepalensis, *Limnonectes* 226, 269
nepalensis, *Rana* 226, 227, 269
nepalicus, *Amolops* 243
nephelophila, *Cochranella* 46
Nesionixalus 5, 112, 117
Nesionixalus malleri 116, 118
Nesionixalus thomensis 118
Nesomantis 10
nettingi, *Plethodon* 306
neumanni, *Ptychadena* 237
Neurergus 12
newtoni, *Ptychadena* 238
nexipus, *Colostethus* 57
nexipis, *Platymantis* 231
ngamiensis, *Bufo* 27
ngamiensis, *Bufo regularis* 26
nicefori, *Atelopus* 21
nicefori, *Eleutherodactylus* 157
nicefori, *Gastrotheca* 73, 75
nicefori descampi, *Gastrotheca* 73
nichollsi, *Metacrinia* 209
nichollsi, *Pseudophryne* 209
nicobariensis, *Rana* 269
Nidirana 251, 255, 257, 272
niger, *Ixalotriton* 304
nigrescens, *Hynobius* 300
nigricularis, *Anodonthyla* 194
nigrita, *Pseudacris* 94, 95
nigriventris, *Eleutherodactylus* 157
nigrofrenata, *Litoria* 107
nigrogriseus, *Eleutherodactylus* 157
nigrolineata, *Rana* 269
nigromaculata, *Rana* 269, 272, 278
nigromaculata chosonica, *Rana* 256
nigromaculata coreana, *Rana* 256
nigropalmatus, *Rhacophorus* 296
nigropunctatus, *Rhacophorus* 296
nigrotympanica, *Rana* 269, 279
nigrovittata, *Rana* 269, 270
nigrovittatus, *Eleutherodactylus* 144, 152, 157

nigrovittatus, *Limnodytes* 251
nilagirica, *Limnonectes* 227, 270
nilagirica, *Rana* 225, 227, 270
nimbaense, *Arthroleptis*
 (*Arthroleptis*) 15
nimbaensis, *Arthroleptis* 15, 18
nimbaensis, *Schoutedenella* 15,
 18
Nimbaphrynoides 3, 31
Nimbaphrynoides liberiensis 31,
 32
Nimbaphrynoides occidentalis
 31, 32
ningshanensis, *Scutiger* 215
nitida, *Rana* 227, 270
nitidus, *Eleutherodactylus* 157,
 181
nitidus, *Limnonectes* 227, 229
nitidus, *Liuperus* 131
nitidus, *Tomodactylus* 181
nivicolimae, *Eleutherodactylus*
 157, 178
nivicolimae, *Syrhophus* 157,
 158, 178
noblei, *Eleutherodactylus* 158
nocturnus, *Aromobates* 53
nodosus, *Cystignathus* 130
nodosus, *Alsodes* 130
nodoterga, *Brachycephalus* 19
nortoni, *Eleutherodactylus* 158
nossibeensis, *Heterixalus* 115
nossibeensis, *Hyperolius* 116
Notaden 8, 208
Notaden weigeli 208
notator, *Rhacophorus* 296
Nothophryne 9
Notodelphys ovifera 71
Notokassina 120
Notophthalmus 12
notosticta, *Plethodontohyla* 197
notostictum, *Centrolene* 37
Nototrema pygmaeum 70
Nototriton 11, 304
Nototriton adelos 304
Nototriton alvarezdeltoroi 304
novaeoguineae, *Rana* 270
nubicola, *Eleutherodactylus* 158
Nyctanolis 11
Nyctibates 2
Nyctibatrachus 10, 246, 282
Nyctibatrachus aliciae 283
Nyctibatrachus beddomii 246,
 283
Nyctibatrachus deccanensis 283
Nyctibatrachus kempholeensis
 246, 283
Nyctibatrachus major 278, 283
Nyctibatrachus minor 283
Nyctibatrachus modestus 283
Nyctibatrachus pygmaeus 283

Nyctibatrachus sanctipalustris
 var. *modestus* 283
Nyctimantis 4
Nyctimantis rugiceps 86
Nyctimystes 4, 108
Nyctimystes dayi 108
Nyctimystes disrupta 108
Nyctimystes disruptus 108
Nyctimystes hosmeri 108
Nyctimystes montana 108
Nyctimystes montanus 108
Nyctimystes narinosa 108
Nyctimystes obsoleta 108
Nyctimystes obsoletus 108
Nyctimystes pulcher 108
Nyctimystes pulchra 108
Nyctimystes semipalmata 108
Nyctimystes semipalmatus 108
Nyctimystes tympanocryptis 108
Nyctimystes vestigia 108
Nyctixalus 10
Nyctixalus margaritifer 289
nyctophylax, *Eleutherodactylus*
 158

O

oatesii, *Rana* 270
oblitteratus, *Colostethus* 65
oblitteratus, *Mannophryne* 65
oblongatus, *Bufo* 24
obscura, *Cassina* 119
obscura, *Paracassina* 119, 120
obscura, *Ptychadena* 238
obscura, *Scaphiophryne* 206, 206
obscura, *Tornierella* 119, 120
obcurum, *Pseudohemisus* 206,
 207
obsoleta, *Nyctimystes* 108
obsoletus, *Nyctimystes* 108
obstetricans, *Alexeroon* 114,
 116
obstetricans, *Alytes* 67
obstetricans, *Bufo* 67
obstetricans, *Hyperolius* 114,
 116
obtriangulata, *Ololygon* 89, 103
obtriangulata, *Scinax* 89, 103
occidentalis, *Eleutherodactylus*
 158, 174
occidentalis, *Hylactophryne* 158,
 174
occidentalis, *Nectophrynoides*
 31, 32
occidentalis, *Nimbaphrynoides*
 31, 32
occidentalis, *Rana* 270
Occidozyga 9, 218, 229, 230
Occidozyga baluensis 229, 230
Occidozyga celebensis 229, 230
Occidozyga diminutiva 230
Occidozyga floresiana 230
Occidozyga laevis 230,
Occidozyga magnapustulosa
 230, 231
Occidozyga martensii 230, 231
Occidozyga semipalmata 230,
 231
occipitalis, *Hoplobatrachus* 219
occipitalis, *Rana* 219, 270
occultans, *Platypelis* 195
ocellata, *Centrolenella* 40, 46
ocellata, *Cochranella* 40, 43, 44,
 45, 46, 47, 48, 49
ocellata, *Pseudocassina* 121
ocellatus, *Eleutherodactylus* 158
ocellatus, *Hyperolius* 116
ocellatus, *Leptodactylus* 283
ocellifera, *Centrolenella* 40, 46
ocellifera, *Cochranella* 40, 46
ochoi, *Gastrotheca* 73
ochrophaeus, *Desmognathus* 302
ockendeni, *Eleutherodactylus*
 158, 160
ocreatus, *Eleutherodactylus* 158
octavioi, *Eleutherodactylus* 158
ocularis, *Limnaeodius* 86, 94
ocularis, *Pseudacris* 86, 94
Odontophrynus 6, 123, 175
Odontophrynus achalensis 175
Odontophrynus cultripes 175
Odorrana 251, 252, 261, 264,
 266, 267, 274, 278, 279, 280
Oedipina 11
Oedipina poelzi 304
oetus, *Eleutherodactylus* 158
ohausi, *Flectonotus* 70
ohausi, *Fritziana* 70
okaloosae, *Rana* 270
okinavana, *Rana* 270
okinavensis, *Microhyla* 203
okmulgee, *Plethodon* 306
olallai, *Andinophryne* 19
olfersii, *Physalaemus* 128
olivaceum, *Hemisus* 69
olivaceus, *Hemisus* 69
olmonae, *Colostethus* 57, 65
olmonae, *Mannophryne* 57, 65
Ololygon 4, 86
Ololygon acuminata 86, 96
Ololygon agilis 86, 96
Ololygon alleni 86, 96
Ololygon argyreornata 86, 97
Ololygon ariadne 97
Ololygon aurata 86, 97
Ololygon baumgardneri 87, 97
Ololygon berthae 87, 97
Ololygon blairi 87, 97
Ololygon boesemani 87, 97
Ololygon boulengeri 87, 98

- Ololygon canastrensis* 87, 98
Ololygon cardosoi 98
Ololygon carnevallii 98
Ololygon catharinae 87, 98
Ololygon chiquitana 98
Ololygon crospedospila 87, 99
Ololygon cruentomma 87, 99
Ololygon cuspidata 87, 99
Ololygon cynocephala 87, 99
Ololygon danae 99
Ololygon duartei 87, 99
Ololygon ehrhardti 87, 99
Ololygon elaeochroa 87, 99
Ololygon epacrorrhina 88, 99
Ololygon eurydice 88, 100
Ololygon exigua 100
Ololygon flavoguttata 88, 100
Ololygon funerea 88, 100
Ololygon fuscomarginata 88, 100
Ololygon fuscovaria 88, 100
Ololygon garbei 88, 100
Ololygon goinorum 88, 100
Ololygon hayii 88, 100
Ololygon heyeri 101
Ololygon humilis 88, 101
Ololygon kautskyi 101
Ololygon kennedyi 88, 101
Ololygon longilinea 88, 102
Ololygon luizotavioi 102
Ololygon machadoi 88, 102
Ololygon maracaya 88, 102
Ololygon melloi 102
Ololygon mirim 89
Ololygon nasica 89, 103
Ololygon nebulosa 89, 103
Ololygon obtriangulata 89, 103
Ololygon opalina 89, 103
Ololygon pachychrus 89, 103
Ololygon pedromedinae 103
Ololygon perpusilla 89, 103
Ololygon proboscidea 89, 103
Ololygon quinquefasciata 89, 103
Ololygon rizibilis 89, 101, 104
Ololygon rostrata 89, 104
Ololygon rubra 89, 98, 104
Ololygon similis 89, 104
Ololygon squalirostris 89, 104
Ololygon staufferi 90, 104
Ololygon strigilata 90, 104
Ololygon sugillata 90, 105
Ololygon trachthorax 90, 105
Ololygon trilineata 90, 105
Ololygon wandae 90, 105
Ololygon x-signata 90, 105
olympicus, *Ranodon* 309
olympicus, *Rhyacotriton* 299, 308, 309
olympicus variegatus, *Rhyacotriton* 309
Ombrana 244
omiltemana, *Rana* 270
omilemanus, *Eleutherodactylus* 158
omissus, *Leptopelis* 122
onca, *Rana* 270
onorei, *Chthonerpeton* 316
Onychodactylus 11
opalina, *Ololygon* 89, 103
opalina, *Scinax* 89, 103
Ophryophryne 9, 213, 214
Ophryophryne pachyproctus 214
opiparis, *Mantidactylus* 187
Opisthodelphys 71, 72, 73, 74, 75
opisthodon, *Boophis* 288
opisthomelas, *Dendrobates* 61, 66
opisthomelas, *Minyobates* 61, 66
opisthorhodus, *Micrixalus* 245
Opisthothylax 5, 118, 119
Orchestes 289
orejasmirandi, *Melanophryniscus* 31
orejuela, *Centrolenella* 46
orejuela, *Cochranella* 46
Oreolalaginae 212
Oreolalalax 212
Oreolalaxinae 212
oreonympha, *Cochranella* 46
Oreophryne 7
Oreophrynella 3, 30, 31, 32
Oreophrynella hubneri 32
orcesi, *Eleutherodactylus* 158
orcutti, *Eleutherodactylus* 159
orestes, *Eleutherodactylus* 159
orientalis, *Bombina* 68
orientalis, *Bufo* 27
orientalis, *Centrolenella* 41, 51
orientalis, *Eleutherodactylus atkinsi* 135
orientalis, *Eleutherodactylus limbatus* 135
orientalis, *Hyalinobatrachium* 41, 51
orientalis, *Uperoleia* 211
ornata, *Ansonia* 20
ornata, *Ceratophrys* 123
ornata, *Microhyla* 203
ornata, *Pseudacris* 94, 95
ornatissimus, *Eleutherodactylus* 159
ornativentris, *Rana* 271
ornatus, *Pyxicephalus* 235
orocostalis, *Eleutherodactylus* 159
orocostilis, *Centrolenella* 41, 51
orophylax, *Gastrotheca* 73
orphnocnemis, *Amolops* 243
orphnolaimus, *Eleutherodactylus* 159
Osaecilia 12
Osaecilia koepckorum 313
Osaecilia osae 314
osgoodi, *Bufo* 33
osgoodi, *Nectophrynoides* 31, 33
osgoodi, *Spinophrynoides* 31, 33
Osornophryne 3, 30, 32
Osornophryne antisana 32
Osornophryne bufoniformis 32
Osornophryne guacamayo 32
Osornophryne talipes 33
Osteocephalus 4, 90
Osteocephalus aecii 90
Osteocephalus edelcae 90
Osteocephalus elkejungingerae 79, 91
Osteocephalus galani 91
Osteocephalus leprieurii 91
Osteocephalus luteolabris 91
Osteocephalus rimarum 91
Osteocephalus rodriguezi 84, 90, 91
Osteocephalus subtilis 91
Osteocephalus taurinus 90
Osteopilus 4, 76, 82, 83, 85, 86, 92
ostinodactyla, *Scarthyla* 96
ostracodermoides, *Centrolenella* 51
ostracodermoides, *Hyalinobatrachium* 51
Otophryne 8, 204
Otophryninae 8, 204
ovalis, *Rana* 200
ovifera, *Gastrotheca* 70, 73
ovifera, *Notodelphys* 71
owstoni, *Rhacophorus* 296
oxycephalus, *Rhacophorus* 296
oxyrhina, *Copiula* 199
oxyrhinus, *Copiula* 199
oxyrhynchus, *Eleutherodactylus* 159
oxyrhynchus, *Ptychadena* 238
oxyurus, *Uracotyphlus* 317
oyampiensis, *Centrolenella* 41, 47
oyampiensis, *Cochranella* 41, 47

P

Paa 10, 246, 247–251, 260
Paa annandalii 247, 252
Paa arnoldi 247, 253
Paa blanfordii 247, 254
Paa boulengeri 247, 254
Paa bourreti 247
Paa chayensis 247
Paa conaensis 247, 256
Paa ercepeae 248, 258
Paa exilispinosa 248, 259

- Paa fasciculispina* 248, 259
Paa feae 248, 259
Paa hazarensis 248, 261
Paa jiulongensis 248
Paa liebighii 247, 248, 249, 265
Paa liui 248
Paa maculosa 247, 249, 267
Paa minica 248, 249, 268
Paa polunini 249, 272
Paa rara 249, 273
Paa rostandi 249, 273
Paa shini 249, 275
Paa spinosa 249, 276
Paa sternosignata 249, 276
Paa vicina 250, 280
Paa yunnanensis 250, 271, 280
pacchamama, *Gastrotheca* 73
pacha, *Hyla* 82
Pachybatrachus robustus 250
pachychrus, *Ololygon* 89, 103
pachychrus, *Scinax* 89, 103
Pachyhynobius 11, 301
Pachyhynobius shangchengensis 301
Pachymedusa 4
Pachypalaminus 11, 300, 301
Pachypalaminus boulengeri 300, 301
pachyprocta, *Megophrys* 213
pachyproctus, *Megophrys* 213
Pachytriton 12, 310
Pachytriton brevipes 310
Pachytriton labiatum 310
paezorum, *Centrolene* 37
palavanensis, *Limnonectes* 227, 271
palavanensis, *Rana* 227
palleucus, *Gyrinophilus* 303
palleucus gulolineatus, *Gyrinophilus* 303
pallida, *Centrolenella* 51
pallidum, *Hyalinobatrachium* 51
pallidus, *Eleutherodactylus* 159, 178
pallidus, *Syrrophus* 159, 178
palmata, *Leptobrachella* 212
palmata, *Microhyla* 203, 206
palmata, *Paradoxophyla* 203, 206
Palmatorappia 9, 218, 230
palmatus, *Leptopelis* 122
palmeri, *Eleutherodactylus* 159
palmipes, *Microhyla* 203
palmipes, *Petropedets* 233
palmipes, *Rana* 251, 271, 279
Paludicola ameghini 129
Paludicola mysticallis 129
Paludicola saltica 129
paludicola, *Poyntonia* 235
palustris, *Rana* 271
pansa, *Aphantophryne* 198
pansus, *Cophixalus* 198
Pantherana 251, 253, 254, 256, 258, 259, 267, 268, 269, 270, 271, 272, 274, 276–280
pantoni, *Eleutherodactylus* 159
pantoni pentasyringos, *Eleutherodactylus* 160
papua, *Rana* 251, 271
Papurana 251, 257–261, 264, 268, 270, 271, 275, 276
parabates, *Eleutherodactylus* 159
parabocagii, *Leptopelis* 122
Paracassina 5, 118, 119, 120
Paracassina kounhiensis 119, 120
Paracassina obscura 119, 120
Paracophyla 7, 195
Paracophyla tuberculata 195
Paracrinia 8
Paradactylon 11, 299, 301
Paradactylon gorganensis 299, 301
paradoxa, *Pseudis* 217
Paradoxophyla 8, 206
Paradoxophyla palmata 203, 206
paradoxus, *Colostethus* 64
paramacrodon kenepaiensis, *Rana* 224
paramacrodon, *Limnonectes* 227, 271
paramacrodon, *Rana* 227, 271
parambikulamana, *Limnonectes* 227, 285
parambikulamana, *Rana* 227
parambikulamana, *Tomopterna* 227, 285
paramerus, *Eleutherodactylus* 159
Paramesotriton 12, 310
Paramesotriton caudopunctatus 310
Paramesotriton fuzhongensis 310
parapelates, *Eleutherodactylus* 159
Parapseudacris 94
Pararthroleptis 233
Paratelmatobius 5, 123, 126
Paratelmatobius lutzii 126
Paratelmatobius poecilogaster 126
parcus, *Colostethus* 57
pardalis, *Bufo* 28
pardalis, *Bufo regularis* 24
pardalis, *Eleutherodactylus* 159
pardalis, *Rhacophorus* 293, 295
Parhoplophryne 7, 200
Parkerana 235, 236, 238
parkeri, *Altirana* 240, 246
parkeri, *Hyperolius* 117
parkeri, *Kassina* 118
parkeri, *Nanorana* 240, 246
parkeriana, *Rana* 271
parva, *Megophrys* 214
parva, *Pseudoeurycea* 307
parva, *Rana* 227, 271
Parvicaecilia 12
parviceps, *Hyla* 77, 80, 83, 84, 85
parvillus, *Eleutherodactylus* 159
Parvimolge 11
parvula, *Centrolenella* 41, 51
parvulum, *Hyalinobatrachium* 41, 51, 52
parvulus, *Cystignathus* 181
parvulus, *Dendrobates* 63
parvulus, *Epipedobates* 63
parvulus, *Philautus* 292
parvulus, *Phrynobatrachus* 234
parvus, *Eleutherodactylus* 159
parvus, *Limnonectes* 227, 271
passarellii, *Arcovomer* 200
pastazensis, *Eleutherodactylus* 160
patagonicus, *Atelognathus* 130
patriciae, *Eleutherodactylus* 160
pauliani, *Mantidactylus* 187
paulodutrai, *Eleutherodactylus* 160
paulsoni, *Eleutherodactylus* 160
paululus, *Eleutherodactylus* 160
pearsoniana, *Litoria* 107
pecki, *Eleutherodactylus* 160
peculiaris, *Colostethus* 57
Pedostibes 3 33
Pedostibes tuberculosus 33
pedromedinae, *Ololygon* 103
pedromedinai, *Scinax* 103
pehuenche, *Alsodes* 130
pehuenche, *Telmalsodes* 130, 179
pehuenche, *Telmatobius* 130, 179
pelidna, *Hyla* 83
pellucida, *Centrolenella* 41, 51
pellucium, *Hyalinobatrachium* 41, 51
Pelobates 9
Pelobatidae 8, 212
Pelobatinae 9, 215
Pelodryadidae 106
Pelodryadinae 4, 106
Pelodryas 4, 106, 108
Pelodryas caerulea 106, 108, 109
Pelodryas splendida 107, 109
Pelodytes 9
Pelodytidae 9
pelodytoides, *Leptolax* 213
Pelophryne 3

- Pelophylax* 251, 256, 259, 262, 265, 269, 271–275
Pelori 132, 139, 149, 159
Peltophryne 3
peninsularis, *Cophixalus* 199
pentasyringos, *Eleutherodactylus stantoni* 160
pentoni, *Bufo* 28
peraccae, *Mantidactylus* 187
peraticus, *Eleutherodactylus* 160
perezi, *Edalorhina* 125
percutus, *Eleutherodactylus* 160
perezi, *Rana* 271
peripatetes, *Bufo* 28
perigenes, *Bufo* 28
peristicta, *Centrolenella* 37, 41
peristictum, *Centrolene* 35, 36, 37, 41
perkinsi, *Hyla* 83
pernambucensis, *Atelopus* 19, 21, 30
pernambucensis, *Frostius* 21, 30
perpalmatus, *Phrynobatrachus* 234
perparva, *Microhyla* 203
perplicata, *Ptychadena* 238
perpusilla, *Ololygon* 89, 97, 103
perpusilla, *Scinax* 89, 96, 97, 102, 103, 105
perpusilla v-signata, *Hyla* 105
perreti, *Ptychadena* 238
perrisodus, *Chthonerpeton* 316
persimilis, *Rana* 271
personata, *Callulops* 189, 191
personata, *Litoria* 107
personata, *Phrynomantis* 189, 191
peruana, *Gastrotheca* 74
peruviana, *Caudiverbera* 130
peruvianus, *Eleutherodactylus* 160
perviridis, *Aplastodiscus* 75
petersi, *Dendrobates* 63
petersi, *Eleutherodactylus* 160
petersi, *Epipedobates* 63
petersi, *Ixalus* 292
petersi, *Philautus* 292
petraeus, *Plethodon* 306
petrigena, *Microhyla* 203
petrobarcus, *Eleutherodactylus* 161
Petropedetes 9, 232
Petropedetes caemronensis 233
Petropedetes natator 233
Petropedetes palmipes 233
Petropedetinae 9, 217, 232
petropolitana, *Centrolenella* 41
petropolitana, *Cochranella* 50
pezopetrus, *Eleutherodactylus* 161
Phaeognathus 11
phaeomerus, *Amolops* 243
pharangobates,
Eleutherodactylus 161, 164
Phasmahyla 4, 109, 110
Phasmahyla cochranae 109, 111
Phasmahyla exilis 110, 111
Phasmahyla guttata 109, 111
Phasmahyla jandaia 109, 111
phenax, *Centrolenella* 41, 47
phenax, *Cochranella* 41, 47
Pherohapsis 6
Philautinae 285, 286
Philautus 10, 285, 289–292
Philautus acutirostris 289
Philautus acutus 289
Philautus annandalii 289
Philautus aurantium 289
Philautus aurifasciatus 289, 291, 292
Philautus beddomii 289
Philautus bimaculatus 289, 293
Philautus chazodes 289
Philautus cruri 290, 291
Philautus disgregus 290
Philautus dubius 290
Philautus emembranatus 290
Philautus hassanensis 290, 291
Philautus hosii 290
Philautus ingeri 290
Philautus jerdonii 290, 295
Philautus jinxiuensis 291
Philautus kerangae 290
Philautus leucomystax 295
Philautus leucorhinus 291
Philautus lissobranchius 291
Philautus longichuanensis 291
Philautus longicrus 290
Philautus medogensis 291
Philautus menglaensis 291
Philautus microtypanum 291, 294, 295
Philautus mjobergi 291
Philautus montanus 290, 291
Philautus namdaphaensis 291
Philautus nasutus 291
Philautus parvulus 292
Philautus petersi 292
Philautus pleurostictus 292
Philautus schmackeri 292
Philautus shyamrupus 292
Philautus surdus 292
Philautus tectus 292
Philautus umbra 292
Philautus vermiculatus 289, 290
Philoria 8, 208
Phlyctimantis 5, 118, 119
Phlyctimantis boulengeri 119, 120
Phlyctimantis leonardi 119
Phobobates 3, 66
Phobobates bassleri 59, 66
Phobobates silverstonei 61, 66, 67
Phobobates trivittatus 61, 67
phoxocephalus,
Eleutherodactylus 161
phragmipleuron,
Eleutherodactylus 161
Phrynella 8
Phryniscus stelnzeri 31
Phrynobatrachidae 232
Phrynobatrachinae 232
Phrynobatrachus 9, 233
Phrynobatrachus annulatus 233, 234
Phrynobatrachus calcaratus 234
Phrynobatrachus cornutus 233, 234
Phrynobatrachus cornutus annulatus 233
Phrynobatrachus cryptotis 233
Phrynobatrachus dispar 233
Phrynobatrachus elberti 233
Phrynobatrachus feae 233
Phrynobatrachus gutturosus 233
Phrynobatrachus hylaia 234
Phrynobatrachus mababiensis 234
Phrynobatrachus minutus 234
Phrynobatrachus parvulus 234
Phrynobatrachus perpalmatus 234
Phrynobatrachus rungwensis 233, 234
Phrynobatrachus sciagallarum 234
Phrynobatrachus stewartae 234, 234
Phrynobatrachus taiensis 234
Phrynobatrachus tellinii 234
Phrynobatrachus ukingensis 235
Phrynobatrachus villiersi 234
Phrynobatrachus zavattarii 235
Phrynocara laeue 196
phrynoderm, *Indirana* 271, 282
phrynoderm, *Rana* 271, 282
Phrynodon 9
Phrynoglossus 9, 218, 229, 230
Phrynoglossus bahuensis 229, 230
Phrynoglossus celebensis 229, 230
Phrynoglossus diminutivus 230
Phrynoglossus floresianus 230
Phrynoglossus laevis 230,
Phrynoglossus magnapustulosus 230, 231
Phrynoglossus martensii 230, 231

- Phrynoglossus semipalmatus* 230, 231
Phrynohyas 4
Phrynohyas coriacea 92
Phrynohyas venulosa 76, 92
phrynoides, *Arthroleptis* 15, 18
phrynoides, *Rana* 250, 271
phrynoides, *Schoutedenella* 15, 18
Phrynomantis 6, 8, 188, 189, 190, 204, 205
Phrynomantis affinis 205
Phrynomantis annectens 205
Phrynomantis bifasciatus 205
Phrynomantis boettgeri 188
Phrynomantis dubia 189
Phrynomantis eurydactyla 189
Phrynomantis fusca 189
Phrynomantis glandulosa 189
Phrynomantis humicola 189
Phrynomantis infulata 190
Phrynomantis kopsteini 189
Phrynomantis lateralis 190
Phrynomantis louisianensis 190
Phrynomantis microps 205, 206
Phrynomantis personata 189
Phrynomantis robusta 189
Phrynomantis slateri 189
Phrynomantis somalicus 205
Phrynomantis stictigaster 189
Phrynomantis wilhemana 190
Phrynomedusa 4, 110
Phrynomedusa appendiculata 110
Phrynomedusa fimbriata 110, 111
Phrynomedusa marginata 110, 111
Phrynomerinae 8, 204
Phrynomeris 8, 188, 190, 205
Phrynomeris affinis 205
Phrynomeris annectens 205
Phrynomeris bifasciatus 205
Phrynomeris microps 205, 206
Phrynopus 6, 129
Phrynopus bagrecitoi 175
Phrynopus bracki 175
Phrynopus juninensis 175, 179
Phrynopus kempfii 175
Phyllobates 3, 59
Phyllobates anthonyi 64
Phyllobates azureiventris 62
Phyllobates bicolor 67
Phyllobates latinasus 53
phyllodes, *Hylodes* 125
Phyllodytes 4, 92
Phyllodytes brevirostris 92
Phyllodytes kautskyi 92
Phyllodytes melanomystax 92
Phyllomedusa 4, 109, 110
Phyllomedusa appendiculata 110
Phyllomedusa aspera 109, 111
Phyllomedusa atelopoides 111
Phyllomedusa bahiana 111
Phyllomedusa burmeisteri 111
Phyllomedusa cochranæ 109, 111
Phyllomedusa danieli 111
Phyllomedusa exilis 110, 111
Phyllomedusa fimbriata 110, 111
Phyllomedusa granulosa 109
Phyllomedusa guttata 109, 110, 111
Phyllomedusa jandaia 110, 111
Phyllomedusa marginata 110, 111
Phyllomedusa medinae 112
Phyllomedusa medinai 112
Phyllomedusa tetraploidea 112
Phyllomedusinae 4, 109
Phyllonastes 6, 176
Phyllonastes heyeri 176
Phyllonastes lochites 176
Phyllonastes lynchi 176
phyllophila, *Limnodytes* 245
phylophilus, *Micrixalus* 245
Physalaemus 5, 126
Physalaemus albifrons 127
Physalaemus biligonigerus 127
Physalaemus bokermanni 127
Physalaemus cicada 127
Physalaemus crombei 127
Physalaemus cuvieri 126
Physalaemus deimaticus 127, 128
Physalaemus fischeri 127
Physalaemus franciscæ 127
Physalaemus fuscomaculatus 127
Physalaemus gracilis 127
Physalaemus maculiventris 127
Physalaemus moreiræ 127
Physalaemus olfersii 128
Physalaemus rupestris 128
Physalaemus signifer 127
Phyzelaphryne 6, 176
pickersgilli, *Hyperolius* 117
picta, *Arthroleptis variabilis* var. 15
picta, *Microhyla* 203
pictissimus, *Eleutherodactylus* 161
pictiventris, *Atelopus* 21
pictus, *Dendrobates* 64
pictus, *Epipedobates* 62, 64
pierotti, *Chacophrys* 123
pierrei, *Limnonectes* 227
pierrei, *Rana* 227, 271
pileata, *Rana* 228, 271
pileatus, *Limnonectes* 228, 271
pinangoi, *Atelopus* 21
pinarensis, *Eleutherodactylus* 161
pinchoni, *Eleutherodactylus* 161
pinchonii, *Batrachuperus* 300
pinima, *Hyla* 83, 85
pinorum, *Hyla* 79, 83
pingii, *Scutiger* 214
pinguiculus, *Telmatobius* 179
pinguis, *Colostethus* 57
pintoi, *Crossodactylodes* 131
Pipa 9, 215
Pipa arraballi 216
Pipa aspera 216
Pipa carvalhoi 216
Pipa snethlageae 216
piperata, *Litoria* 107
Pipidae 9, 215
pipiens, *Copiula* 199
pipiens, *Rana* 251, 272
pipilans, *Eleutherodactylus* 161, 178
pipilans, *Syrhophus* 161, 178
pipilata, *Centrolenella* 37, 41
pipilatum, *Centrolene* 37, 41
Pipinae 9, 215
pirica, *Rana* 272
pituinus, *Eleutherodactylus* 161
plancyi, *Rana* 256, 272
planiorum, *Bufo* 30
planirostris, *Eleutherodactylus* 161
planispinus, *Atelopus* 21
platineum, *Ambystoma* 298
platycephala, *Hypopsis* 105
platycephalus, *Spelerpes* 303
platycephalus, *Sphaenorhynchus* 105
platycephalus, *Telmatobius* 179
platyceps, *Hyperolius* 117
platyceps major, *Hyperolius* 117
platydactyla, *Hyla* 83
platydactylus, *Eleutherodactylus* 161
Platymantis 9, 218, 220, 221, 231
Platymantis liui 220, 231
Platymantis macrosceles 231
Platymantis nexipus 231
Platymantis reticulatus 220
Platymantis xizangensis 221, 231
Platypelis 7, 195
Platypelis alticola 195
Platypelis barbouri 195
Platypelis cowanii 195
Platypelis grandis 195, 196
Platypelis milloti 195
Platypelis occultans 195
Platypelis tasartananaensis 195
Platypelis tuberculata 196
plaumanni, *Leptodactylus* 126

- Plectrohyla* 4, 92
Plectrohyla acanthodes 92
Plectrohyla avia 92
Plectrohyla dasypus 92
Plectrohyla glandulosa 93
Plectrohyla guatemalensis 92, 93
Plectrohyla hartwegi 93, 94
Plectrohyla ixil 93
Plectrohyla lacertosa 93
Plectrohyla matudai 93
Plectrohyla pokomchi 93
Plectrohyla ptychochila 93
Plectrohyla quecchi 93
Plectrohyla sagorum 93
Plectrohyla teuchestes 93
pleione, *Taudactylus* 210
pleskei, *Nanorana* 246
Plethodon 1, 11
Plethodon albagula 304
Plethodon aureolus 304
Plethodon chatahoochee 305
Plethodon chlorobryonis 305
Plethodon cylindraceus 305
Plethodon fouschensis 305
Plethodon glutinosus 305, 306, 307
Plethodon glutinosus albagula 304
Plethodon glutinosus grobmani 305
Plethodon glutinosus teyahalee 307
Plethodon grobmani 305
Plethodon hoffmani 306
Plethodon hubrichti 306
Plethodon kentucki 306
Plethodon kiamichi 306
Plethodon kisatchie 306
Plethodon mississippi 306
Plethodon nettingi 306
Plethodon okmulgee 306
Plethodon petraeus 306
Plethodon savannah 307
Plethodon sequoyah 307
Plethodon serratus 307
Plethodon teyahalee 307
Plethodon variolatus 307
Plethodon websteri 307
Plethodontidae 11, 302
Plethodontinae 11, 302
Plethodontohyla 7, 194, 196
Plethodontohyla alluaudi 196
Plethodontohyla angulifer 194, 196
Plethodontohyla bipunctata 194, 196
Plethodontohyla coudreaui 196
Plethodontohyla guetherpersi 194, 196
Plethodontohyla inguinalis 194, 196
Plethodontohyla laevipes 194, 196
Plethodontohyla laevis 196
Plethodontohyla minuta 195, 197
Plethodontohyla notosticta 197
Plethodontohyla serratopalpebrosa 195, 197
Plethodontohyla tuberata 197
pleuraden, *Rana* 272
Pleurodeles 12, 310, 311
Pleurodema 5, 128
Pleurodema bibroni 128
Pleurodema bufonina 128
Pleurodema bufoninum 128
Pleurodema cinerea 128
Pleurodema cinereum 128
Pleurodema diplolistris 128
Pleurodema diplolistre 128
Pleurodema guayapae 128
Pleurodema marmorata 128
Pleurodema marmoratum 128
Pleurodema nebulosa 128
Pleurodema nebulosum 128
Pleurodema tucumana 128
Pleurodema tucumanum 128
pleurolineata, *Centrolenella* 52
pleurolineatum, *Hyalinobatrachium* 52
pleurostictus, *Philautus* 292
pleurostictus, *Rhacophorus* 292, 296
pleurostigma, *Kalophrynus* 201
pleurostriatus, *Eleutherodactylus* 161
plicatella, *Rana* 228, 272
plicatellus, *Limnonectes* 228, 272
plicifer, *Eleutherodactylus* 137, 162
plicifer, *Mantidactylus* 187
pliciferus, *Eleutherodactylus* 137, 162
plumbea, *Gastrotheca* 72, 73, 74
pluvialis, *Centrolenella* 41, 47
pluvialis, *Cochranella* 41, 47
podiciferus, *Eleutherodactylus* 162
podicipinis, *Leptodactylus* 126
poecilogaster, *Paratelmatobius* 126
poecilonotus, *Arthroleptis* 16
poecilonotus, *Colostethus* 57
poecilonotus, *Rhacophorus* 296
poecilus, *Amolops* 243
poelzi, *Oedipina* 304
poepigii, *Bufo* 27, 28
poilani, *Megophrys* 214
poissoni, *Mantidactylus* 185
pokomchi, *Plectrohyla* 93
polumini, *Paa* 249, 272
polumini, *Rana* 249, 272
polymniae, *Eleutherodactylus* 162
Polypedates 10, 292, 293
Polypedates beddomii 281
Polypedates hascheanus 221, 231
Polypedates leucomystax 292
Polypedates megacephalus 292
Polypedates microtypanum 289
Polypedates signatus 251
polytaenia, *Hyla* 78, 83
poolei, *Eleutherodactylus* 162
porosa, *Rana* 254, 272
porosa, *Rana brevipoda* 272
porosa, *Tomopterna* 272
porosissima, *Ptychadena* 238
portoricensis, *Eleutherodactylus* 162
Potomotyphlus 13
poweri, *Breviceps* 193
poweri, *Bufo* 28
poynтони, *Cacosternum* 232
Poyntonia 9, 235
Poyntonia paludicola 235
Probreviceps 7, 193
Probreviceps rhodesianus 194
prasina, *Centrolenella* 41, 47
prasina, *Cochranella* 41, 47
prasinatus, *Rhacophorus* 296
Praslinia 12
pretiosa, *Rana* 272
probolaus, *Eleutherodactylus* 162
proboscidea, *Oloolygon* 89, 103
proboscidea, *Scinax* 89, 103
proboscideus, *Hemiphractus* 75
Proceratophrys 6, 123, 176
Proceratophrys boiei 176
Proceratophrys cristiceps 176
Proceratophrys goyana 176
Proceratophrys goyanus 176
Proceratophrys moehringi 176
Proceratophrys renalis 176
prolatus, *Eleutherodactylus* 162
prolixodiscus, *Eleutherodactylus* 162
prominatus, *Rhacophorus* 296
proserpens, *Eleutherodactylus* 162
Prostherapis femoralis 53
Prostherapis tricolor 62
prosoblepon, *Centrolene* 34, 35, 36, 37, 38, 41
prosoblepon, *Centrolenella* 37, 41
Proteidae 11, 308
Proteus 12, 308
Proteus anguinus 308

- psaltes*, *Rana* 251, 272
psarolaima, *Hyla* 83
psologlossa, *Stumpffia* 197
Pseudacris 4, 77, 78, 86, 94
Pseudacris brachyphona 94
Pseudacris brimleyi 94
Pseudacris cadaverina 78, 94
Pseudacris clarkii 94
Pseudacris crucifer 79, 94
Pseudacris nigrita 94, 95
Pseudacris ocularis 86, 94
Pseudacris ornata 94, 95
Pseudacris regilla 78, 83, 94
Pseudacris streckeri 95
Pseudacris triseriata 95
Pseudacris triseriata feriarum 95
Pseudarthroleptis 233
Pseudhymenochirus 9, 217
Pseudidae 9, 217
Pseudis 9, 217
Pseudis mantidactylus 217
Pseudis minuta 217
Pseudis paradoxa 217
pseudocacuminatus,
Eleutherodactylus 162
pseudoasper, *Mantidactylus* 186,
 187
Pseudobranchius 12
Pseudobufo 3
Pseudocassina ocellata 121
Pseudocassina rugosa 121
Pseudoeurycea 11
Pseudoeurycea parva 307
Pseudoeurycea saltator 307
pseudogarmani, *Bufo* 28
Pseudohemisus 8, 206
Pseudohemisus calcaratum 206,
 207
Pseudohemisus granulosum 206,
 207
Pseudohemisus hadagascariense
 206, 207
Pseudohemisus obscurum 206,
 207
Pseudohemisus pustulosum 206,
 207
Pseudohemisus verrucosum 206,
 207
Pseudopaludicola 5, 125, 128
Pseudopaludicola ameghini 128,
 129
Pseudopaludicola boliviana 128
Pseudopaludicola bolivianus 128
Pseudopaludicola ceratophyes
 128
Pseudopaludicola falcipes 129
Pseudopaludicola llanera 129
Pseudopaludicola mysticalis 128,
 129
Pseudopaludicola pusilla 129
Pseudopaludicola pusillus 129
Pseudopaludicola saltica 129
Pseudopaludicola ternezi 129
Pseudophilautus 6, 181, 232
Pseudophryne 8, 209
Pseudophryne nicholli 209
Pseudorana 251, 274, 280
Pseudosiphonops 12, 313, 314
Pseudosiphonops ptychodermis
 313, 314
Pseudotriton 11, 308
Pseudotyphlonectes 316
pseustes, *Gastrotheca* 74
psychrophila, *Gastrotheca* 74
Psyllophryne 2
Pternohyla 4
Pterorana 251, 264
Pterorana khare 251
Ptychadena 10, 235, 236, 237,
 238, 239
Ptychadena aequiplicata 235
Ptychadena anchietae 236
Ptychadena ansorgii 236
Ptychadena broadleyi 236
Ptychadena bunoderma 236
Ptychadena christyi 236
Ptychadena chrysogaster 236
Ptychadena chrysogaster guibei
 237
Ptychadena cooperi 236
Ptychadena erlangeri 236
Ptychadena floweri 236, 238
Ptychadena gansi 236, 237
Ptychadena grandisonae 237
Ptychadena guibei 237
Ptychadena ingeri 237
Ptychadena keilingi 237
Ptychadena longirostris 237
Ptychadena maccarthiensis 237
Ptychadena mascareniensis 237
Ptychadena mossambica 236,
 237
Ptychadena nana 237
Ptychadena neumanni 237
Ptychadena newtoni 238
Ptychadena obscura 238
Ptychadena oxyrhynchus 238
Ptychadena perplicata 238
Ptychadena perreti 238
Ptychadena porosissima 238
Ptychadena pumilio 238
Ptychadena pumilio taenioscelis
 238
Ptychadena retropunctata 238
Ptychadena schillukorum 238
Ptychadena schubotzi 239
Ptychadena smithi 239
Ptychadena stenocephala 239
Ptychadena straeleni 239
Ptychadena submascareniensis
 239
Ptychadena subpunctata 239
Ptychadena superciliaris 239
Ptychadena taenioscelis 238, 239
Ptychadena tournieri 239
Ptychadena trinodis 239
Ptychadena upembae 239
Ptychadena uzungwensis
 239
Ptychadena
Ptychadeninae 10, 235, 245
Ptychadenini 235
ptychodactyla, *Hyla* 83
Ptychohyla 1, 4, 76
Ptychohyla chamulae 76
Ptychohyla erythromma 79, 95
Ptychohyla euthysanota 95
Ptychohyla ignicolor 76, 95
Ptychohyla legleri 95
Ptychohyla macrotympanum 95
Ptychohyla merazi 95
Ptychohyla salvadorensis 95
Ptychohyla santaecrucis 95
Ptychohyla schmidorum 76, 77,
 96
pueblae, *Rana* 273
pugnax, *Eleutherodactylus* 162
pulchella, *Hyla* 105
pulcher, *Mantidactylus* 183, 184,
 185, 187
pulcher, *Nyctimystes* 108
pulchra, *Cardioglossa* 17
pulchra, *Kaloula* 201
pulchra, *Mantella* 183
pulchra, *Microhyla* 203
pulchra, *Nyctimystes* 108
pulchra, *Tornierella* 119
Pulchrana 251, 253, 257, 260,
 262, 266, 267, 268, 275, 276
pulchripectus, *Dendrobates* 64
pulchripectus, *Epipedobates* 64
pulchrilineata, *Hyla* 83, 92
pulidoi, *Eleutherodactylus* 162
pulla, *Rana gracilis* var. 221
pullum, *Leptobranchium* 212
pullus, *Letobranchium* 212
pulverata, *Centrolenella* 41, 52
pulveratum, *Hyalinobatrachium*
 41, 49, 52
pulvinatus, *Eleutherodactylus*
 163
pumilio, *Ptychadena* 238
pumillio taenioscelis,
Ptychadena 238
pumilus, *Colostethus* 57
punctariolus, *Eleutherodactylus*
 163
punctatus, *Mantidactylus* 187

puncticulatus, *Hyperolius* 117
pusilla, *Pseudopaludicola* 129
pusillus, *Bufo* 27
pusillus, *Eleutherodactylus* 163
pusillus, *Pseudopaludicola* 129
pustulosus, *Rana* 273, 279
pustulosa, *Scaphiophryne* 206, 207
pustulosum, *Pseudohemius* 206, 207
pyxiongensis, *Scutigera* 215
puyoensis, *Centrolenella* 47
puyoensis, *Cochranella* 47
pychnochila, *Plectrohyla* 93
pycnodermis, *Eleutherodactylus* 163
pygmaea, *Rana* 283
pygmaea, *Stumpffia* 197
pygmaeum, *Nototrema* 70
pygmaeus, *Afrixalus* 113
pygmaeus, *Eleutherodactylus* 163
pygmaeus, *Hyperolius* 114
pygmaeus, *Nyctibatrachus* 283
pygmaeus septentrionalis, *Afrixalus* 113
pygmaeus, *Xenopus* 217
pyrrhogaster, *Cynops* 309
pyrrhomerus, *Eleutherodactylus* 163
pyrrhoscelis, *Arthroleptis* 16, 18
pyrrhoscelis, *Schoutedenella* 16, 18
Pyxicephalinae 10, 239, 240, 243
Pyxicephalini 240
Pyxicephalus 10, 240
Pyxicephalus adspersus 240
Pyxicephalus delalandii 284
Pyxicephalus khasianus 224
Pyxicephalus ornatus 235
Pyxicephalus rufescens 273

Q

Quadrana 244
quadrana, *Rana* 244, 273
quadrans, *Chaparrana* 244, 274
quadrans, *Rana* 244
quaquaversus, *Eleutherodactylus* 163
Quasipaa 247–249
quecchi, *Plectrohyla* 93
quinquagesimus, *Eleutherodactylus* 163
quinquefasciata, *Oloolygon* 89, 103
quinquefasciata, *Scinax* 89, 103
quinquevittatus, *Dendrobates* 59, 60, 61

quinquevittatus, *Hyperolius* 117

R

racemis, *Eleutherodactylus* 163
racenisi, *Eleutherodactylus* 163
raja, *Limnonectes* 228, 273
raja, *Rana* 228, 273
ramagii, *Eleutherodactylus* 163
Ramanella 8, 204
Ramanella sibirica 204
Ramanella triangularis 204
ramirezi, *Cochranella* 47
ramosi, *Eleutherodactylus* 140, 163
Rana 10, 218, 219, 244, 247, 248, 249, 250, 251, 252, 253, 255–258, 261–264, 266, 270, 271, 272, 274, 277, 281
Rana aenea 244, 252
Rana adenopleura 251
Rana albolabris 252
Rana albolineata 254
Rana albotuberculata 252
Rana altaica 252
Rana alticola 251, 252
Rana amieti 252
Rana amnicola 250, 252
Rana amurensis 252
Rana andamanensis 225
Rana andersoni 252
Rana angolensis 252
Rana anlungensis 252
Rana annandalii 247, 252
Rana arathooni 222, 253
Rana areolata 253
Rana arfaki 253
Rana arnoldi 247, 253
Rana arunco 23
Rana arvalis 253
Rana asiatica 253
Rana asperrima 253
Rana aurantiaca 253
Rana aurora 250, 253
Rana baramica 253
Rana barmaoachensis 253
Rana beddomii 221, 253, 281, 282
Rana berlandieri 254
Rana bhagmandlensis 253, 254
Rana bicolor 110
Rana bilineata 254, 277
Rana blairi 254
Rana blanfordii 247, 254
Rana blythii 222, 254
Rana bombina 68
Rana bonaspei 254, 281
Rana boulengeri 247, 254
Rana bourreti 247
Rana boylii 250, 254
Rana brachytarsus 254, 281
Rana brevipalmata 222, 254
Rana breviceps 284
Rana brevipoda 254, 272
Rana brevipoda brevipoda 272
Rana brevipoda porosa 272
Rana bwana 255
Rana brownorum 254
Rana caerulea 108
Rana caldwelli
Rana camerani 255
Rana cancrivora 222, 255
Rana cascadae 255
Rana catesbeiana 250, 255
Rana celebensis 255
Rana chalconota 250, 255, 273
Rana chalconota rancieps 255
Rana chaochiaoensis 255
Rana chapaeensis 241, 255
Rana chensinensis 252, 256, 258, 272
Rana chevronta 256
Rana chiricahuensis 256
Rana chosonica 256
Rana clamitans 256
Rana conaensis 247, 256
Rana cordofana 256
Rana cornii 219, 256
Rana cornuta 123
Rana corrugata 222, 256, 260
Rana crassa 219, 256
Rana crassiovis 257
Rana cubitalis 257
Rana curtipes 250, 257
Rana cyanophlyctis 218, 219, 257, 260
Rana daemeli 256
Rana dalmatina 257
Rana danieli 257
Rana darlingi 257
Rana dauchina 257
Rana daunchina 257
Rana debussyi 257
Rana delacouri 244, 257
Rana demarchii 219, 257
Rana diuata 222, 223
Rana delacouri 244
Rana desaegeri 258
Rana diplosticta 258, 282
Rana diuata 258
Rana doriae 223, 258
Rana dracomontana 258
Rana dunni 258
Rana dybowskii 256, 258
Rana ehrenbergi 219, 258
Rana elberti 258

- Rana emeljanowi* 258
Rana ercepeae 248, 258
Rana erythraea 250, 258
Rana esculenta 251, 259
Rana everetti 259, 266
Rana everetti albotuberculata 252
Rana exilispinosa 248, 259
Rana fansipani 244, 259
Rana fasciata 251, 259, 281
Rana fasciculispina 247, 248, 259
Rana feae 248, 259
Rana fisheri 259
Rana flavicrus 185
Rana florensis 259
Rana fragilis 223, 259
Rana fukiensis 259
Rana fusca 125
Rana fuscigula 250, 260
Rana galamensis 260
Rana garoensis 260
Rana garritor 260
Rana gerbillus 260
Rana ghoshi 260
Rana gibbosa 193
Rana glandulosa 260
Rana gracilipes 204, 260
Rana gracilis 260
Rana gracilis var. *pulla* 221
Rana graeca 260, 263
Rana graeca italica 261, 263
Rana grahami 261
Rana grandocula 261
Rana grayii 261, 281
Rana greenii 223, 261
Rana grisea 261
Rana grunniens 223, 261
Rana grylio 261
Rana gryllus 75
Rana guentheri 261
Rana hascheana 231, 261
Rana hazarensis 248, 261
Rana heckscheri 262
Rana heinrichi 223, 262
Rana hejiangensis 262
Rana hexadactyla 219, 262
Rana himalayana 241
Rana holbrookii 215
Rana holsti 250, 262
Rana holtzi 262
Rana hosii 262
Rana huanrensis 262
Rana hubeiensis 262
Rana humeralis 250, 262
Rana hymenopus 262, 281
Rana ibanorum 223, 263
Rana iberica 263
Rana ijimae 263, 269
Rana inaudax 185
Rana ingeri 224, 263
Rana intermedia 263, 277
Rana ishikawae 263
Rana italica 263
Rana japonica 252, 263, 266, 274
Rana jimienensis 251, 263
Rana juilongensis 248
Rana johnei 263
Rana johnstoni 263
Rana juliani 264
Rana kampenii 264
Rana keralensis 224, 264
Rana khammonensis 224, 264
Rana khare 264
Rana khasiana 224, 264
Rana kohchangae 224, 264
Rana kuhlii 221, 224, 264
Rana latastei 264
Rana lateralis 265
Rana laticeps 224, 265
Rana latouchii 265
Rana leithii 265, 282
Rana lemairii 265
Rana leptodactyla 265, 282
Rana leptoglossa 265
Rana lepus 265
Rana leschenaultii 218
Rana lessonae 265
Rana levantina 265
Rana leytenensis 224, 225, 265
Rana liebigii 246, 248, 265
Rana limborgii 231
Rana limnocharis 221, 225, 266
Rana limnocharis vittigera 229
Rana lineata 126
Rana liui 248
Rana livida 265
Rana longicrus 263, 265
Rana longimanus 242, 266
Rana longipes 266
Rana luctuosa 265
Rana lungshengensis 266
Rana luzonensis 266
Rana macrocnemis 266
Rana macrodactylus 266
Rana macrodon 221, 225, 266
Rana macrodon macrocephala 225
Rana macrodon visayanus 229
Rana macroglossa 266
Rana macrognathus 225, 266
Rana macrognathus dabana 222
Rana macrops 266
Rana maculata 267
Rana maculosa 249, 267
Rana maculosa chayensis 247
Rana magna 225, 267
Rana magnaocularis 267
Rana malabarica 251, 267
Rana malesiana 225, 267
Rana maosonensis 267
Rana margaratae 267
Rana margaretae 251, 261, 267
Rana margariana 267
Rana mawlyndipi 225, 267
Rana mawphlangensis 226, 267
Rana megapoda 267, 279
Rana melanometa 267
Rana miadis 268
Rana micrixalus 226, 268
Rana microdisca 226, 268, 271
Rana microdisca dammermani 222
Rana microdisca finchi 223
Rana microtypanum 226, 268
Rana miliaris 180
Rana minica 249, 268
Rana minima 250, 268
Rana modesta 226, 268
Rana moellendorffi 268
Rana moluccana 268
Rana montezumae 268
Rana montivaga 268
Rana mortenseni 269
Rana muta 248
Rana murthii 226, 269
Rana muscosa 269
Rana namiyei 226, 269
Rana narina 250, 268, 269, 277
Rana neovolcanica 269
Rana nepalensis 226, 269
Rana nicobariensis 269
Rana nigrolineata 269
Rana nigromaculata 269, 272
Rana nigromaculata chosonica 256
Rana nigromaculata coreana 256
Rana nigrotympanica 269, 279
Rana nigrovittata 269, 270
Rana nilagirica 225, 227, 270
Rana nitida 227, 270
Rana novaeguineae 270
Rana oatesii 270
Rana occidentalis 270
Rana occipitalis 219, 270
Rana okaloosae 270
Rana okinavana 270
Rana omitemana 270
Rana onca 270
Rana ornativentris 271
Rana ovalis 200
Rana palmipes 251, 271, 279
Rana palustris 271
Rana papua 251, 271
Rana paramacrodon 227, 271
Rana paramacrodon kenepaiensis 224
Rana parambikuanana 227

- Rana parkeriana* 271
Rana parva 227
Rana perezi 271
Rana persimilis 271
Rana phrynoderma 271, 282
Rana phrynoides 250, 271
Rana pierrei 227, 271
Rana pileata 228, 271
Rana pipiens 251, 272
Rana pirica 272
Rana plancyi 256, 260, 272
Rana pleuraden 272
Rana plicatella 228, 272
Rana polunini 249, 272
Rana porosa 254, 272
Rana pretiosa 272
Rana psaltes 251, 272
Rana pueblae 273
Rana pustulosa 273, 279
Rana pygmaea 283
Rana rara 249, 273
Rana ridibunda 265, 273, 275
Rana rostandi 249, 273
Rana rugosa 251, 273
Rana rugulosa 220, 273
Rana ruwenzorica 273
Rana saharica 274
Rana sakuraii 274
Rana sanguinea 251, 274
Rana sangzhiensis 274
Rana sariba 220
Rana sauriceps 228, 274
Rana sauteri 274
Rana schmackeri 274
Rana scutata 75
Rana scutigera 274
Rana schillukorum 236
Rana semelvella 274
Rana semipalmata 256, 274, 282
Rana senchalensis 275
Rana septentrionalis 275
Rana shini 249, 275
Rana shqiperica 275
Rana shuchinae 275
Rana siberu 275
Rana sichuanensis 250
Rana sierramadrensis 251, 275
Rana signata 261, 268, 275
Rana sikimensis 244, 275
Rana similis 275
Rana spectabilis 276
Rana spheenocephala 276
Rana spinidactyla 276
Rana spinosa 249, 276
Rana spinulosa 276
Rana springbokensis 276
Rana sternosignata 249, 260, 276
Rana subaspera 276
Rana supragrisea 276
Rana swinhoana 277
Rana syhadrensis 228, 277
Rana sylvatica 277
Rana systoma 204
Rana tagoi 277
Rana taipehensis 254, 277
Rana taiwaniana 277
Rana tarahumarae 251, 277
Rana tasanae 277
Rana taylori 277
Rana temporalis 263, 277
Rana temporaria 250, 251, 256, 257, 262, 263, 264, 266, 270, 277
Rana temporaria coreana 256
Rana tenggerensis 278
Rana tenuilingua 278, 282
Rana teraiensis 228
Rana tiannanensis 278
Rana tientaiensis 278
Rana tigerina 220, 221, 278
Rana timorensis 228, 278
Rana tlalcoi 278
Rana tormota 278
Rana toumanoffi 221, 228, 278
Rana travancoria 278, 283
Rana trilobata 273, 278
Rana tsushimensis 279
Rana tuberculata 279
Rana tweediei 279
Rana typhonia 125
Rana umbraculata 279
Rana unculuana 244, 279
Rana vaillanti 279
Rana varians 270, 279
Rana ventricosus 218
Rana venulosa 92
Rana verrucoissimus 29
Rana verruculosa 229, 279
Rana versabilis 279
Rana vertebralis 250, 279
Rana vibicaria 280
Rana vicina 250, 280
Rana virgatipes 280
Rana vittigera 225, 229
Rana vogti 218
Rana wageri 280
Rana warschewitschii 280
Rana warszewitschii 280
Rana weinigenensis 251, 280
Rana wittei 280
Rana woodworthi 229, 280
Rana wuchuanensis 280
Rana yavapaiensis 280
Rana yunnanensis 247, 250, 271, 280
Rana zweifeli 273, 280
randorum, Eleutherodactylus 163
raniceps, Rana 273
raniceps, Rana chalconota 255
Ranidae 1, 9, 112, 217, 218, 232
raniformis, Eleutherodactylus 163
Raninae 10, 218, 229, 230, 231, 235, 240, 243, 244, 245, 246, 281, 282, 284
Ranixalinae 10, 246, 281, 282
Ranixalinii 281
Ranixalus 281
Ranixalus gundia 281, 282
ranki, Hyla 104
ranki, Scinax 104
Ranodon 11
Ranodon olympicus 309
Ranodon tsinpaensis 301
Ranula chrysoprasina 251
rappiodes, Boophis 288
rara, Paa 249, 273
rara, Rana 249, 273
rathbuni, Typhlomolge 308
rayo, Eleutherodactylus 164
rebecca, Gastrotheca 74
redimitus, Mantidactylus 184, 185, 186, 187
reesi, Bufo 28
reesi, Hyperolius 117
reesi, Hyperolius viridiflavus 117
regilla, Hyla 77, 83, 94
regilla, Pseudacris 83, 94
regularis, Bufo 26, 28, 30
regularis pardalis, Bufo 24
reichei, Arthroleptis 16
reinhardtii, Mimosiphonops 313
reinwardtii, Rhacophorus 293, 294, 295, 296
Relictivomer 8
renalis, Proceratophrys 176
repens, Eleutherodactylus 164
resplendens, Bolitoglossa 302
resplendens, Centrolenella 41, 47, 48
resplendens, Cochranella 41, 47
retardatus, Hynobius 301
reticulata, Ingerana 220
reticulatus, Boophis 288
reticulatus, Eleutherodactylus 164
reticulatus, Platymanthis 221
retropunctata, Ptychadena 238
revocata, Centrolenella 52
revocatum, Hyalinobatrachium 52
rhabdolaemus, Eleutherodactylus 161, 164
Rhacophoridae 1, 10, 112, 218, 285
Rhacophorinae 10, 285, 286
Rhacophorus 10, 292, 293–297
Rhacophorus anceps 287

- Rhacophorus andringitraensis* 287
Rhacophorus angulirostris 293
Rhacophorus annamensis 293
Rhacophorus appendiculatus 293, 295, 297
Rhacophorus arboreus 293
Rhacophorus baluensis 293
Rhacophorus bimaculatus 289, 293
Rhacophorus bipunctatus 293
Rhacophorus bisacculus 293
Rhacophorus boulengeri 287
Rhacophorus brachyichir 287
Rhacophorus brygooi 287
Rhacophorus calcadensis 293
Rhacophorus calcaneus 293
Rhacophorus callichromus 286
Rhacophorus cavirostris 294
Rhacophorus chenfui 294, 297
Rhacophorus depressus 294
Rhacophorus dulitensis 294
Rhacophorus edentulus 294
Rhacophorus everetti 294
Rhacophorus fasciatus 294
Rhacophorus gauni 294
Rhacophorus georgii 294
Rhacophorus harrissoni 294
Rhacophorus hecticus 294
Rhacophorus hosii 289
Rhacophorus hungfuensis 294
Rhacophorus hylodes 286
Rhacophorus javanus 294
Rhacophorus jerdonii 295
Rhacophorus kajau 295
Rhacophorus leucofasciatus 295
Rhacophorus leucomystax 293, 295, 297
Rhacophorus longinasus 292, 295
Rhacophorus malabaricus 293, 295
Rhacophorus maximus 295
Rhacophorus microtympaum 246, 291, 295
Rhacophorus modestus 295
Rhacophorus molrechti 295
Rhacophorus monticola 295
Rhacophorus moschatus 293
Rhacophorus namdaphaensis 295
Rhacophorus naso 295, 297
Rhacophorus nigropalmatus 296
Rhacophorus nigropunctatus 296
Rhacophorus notator 296
Rhacophorus owstoni 296
Rhacophorus oxycephalus 296
Rhacophorus pardalis 293, 296
Rhacophorus pleurostictus 292, 296
Rhacophorus poecilonotus 296
Rhacophorus prasinatus 296
Rhacophorus prominans 296
Rhacophorus reinwardtii 293, 294, 295, 296
Rhacophorus rhodopus 296
Rhacophorus robinsoni 296
Rhacophorus rufipes 296
Rhacophorus schlegelii 293, 295, 296, 297
Rhacophorus taeniatus 297
Rhacophorus taipeianus 297
Rhacophorus taroensis 297
Rhacophorus translineatus 297
Rhacophorus tuberculatus 297
Rhacophorus tunkui 297
Rhacophorus turpes 297
Rhacophorus untersteini 286
Rhacophorus verrucopus 297
Rhacophorus viridis 297
Rhacophorus yaoshanensis 297
Rhacophorus zed 297
Rhamphophryne 3
Rhamphophryne festae 33
Rhamphophryne lindae 33
Rhamphophryne tenrec 33
Rhamphophryne truebae 33
Rhinatrema 13
Rhinatrematidae 13
Rhinoderma 10
Rhinodermatidae 10
Rhinophrynidae 10
Rhinophrynus 10
Rheobatrachus 8, 208
Rheobatrachus vitellinus 208
rhodesi, Eleutherodactylus 164
rhodesianus, Probreviceps 194
rhodomystax, Leptodactylus 126
rhodonotus, Leptodactylus 126
rhodopsis, Eleutherodactylus 164
rhodopus, Rhacophorus 296
rhodoscels, Boophis 288
Rhombophryne 7, 197
Rhyacosisiredon 10
Rhyacotriton 12, 299, 308
Rhyacotriton cascadae 308
Rhyacotriton kezeri 308
Rhyacotriton olympicus 299, 308
Rhyacotriton olympicus variegatus 308
Rhyacotriton variegatus 308
Rhyacotritonidae 1, 12, 298, 299, 308
Rhyacotritoninae 299
richmondi, Eleutherodactylus 164
ricketti, Amolops 243
ricordii, Eleutherodactylus 147, 164
ricordii, Hylodes 132
ridens, Eleutherodactylus 164
ridibunda, Rana 265, 273, 275
rimarum, Osteocephalus 91
riobambae, Gastrotheca 74
ritae, Centrolenella 42, 48
ritae, Cochranella 42, 48
riveroi, Centrolenella 48
riveroi, Cochranella 48
riveroi, Colostethus 57, 65
riveroi, Hyla 84
riveroi, Mannophryne 57, 65
riveti, Eleutherodactylus 164
rizibilis, Ololygon 89, 104
rizibilis, Scinax 89, 101, 102, 104
robinsoni, Rhacophorus 296
robusta, Callulops 189, 191
robusta, Euparkerella 173
robusta, Megophrys 214
robusta, Phrynomantis 189, 191
robusta, Typhlomolge 308
robustus, Pachybatrachus 250
robustus, Typhlomolge 308
rodriguezi, Hyla 84, 91
rodriguezi, Osteocephalus 84, 90, 91
rolandae, Tomopterna 285
rolandae, Tomopterna breviceps 285
ronaldi, Eleutherodactylus 164
roraima, Hyla 84
roraima, Stefania 75
roraimae, Stefania 75
rosadoi, Eleutherodactylus 164
rosea, Geocrinia 209
roseifemoralis, Stumpffia 197
roseus, Cystignathus 173
roseus, Eleutherodactylus 164
rostandi, Paa 249, 273
rostandi, Rana 249, 273
rostralis, Eleutherodactylus 164
rostrata, Ololygon 89, 104
rostrata, Scinax 89, 98, 100, 101, 103, 104, 105
rostratus, Hypogeophis 313
rostratus, Xenobatrachus 191, 192, 193
Rothschildia abyssinica 119
rotunda, Arenophryne 209
rozei, Eleutherodactylus 165
rubella, Litoria 106, 107
rubicundus, Eleutherodactylus 165
rubra, Hyla 96
rubra, Ololygon 89, 98, 104
rubra, Scinax 89, 97, 98, 99, 100, 101, 104
rubrimaculatus, Eleutherodactylus 165, 178
rubrimaculatus, Syrrhophus 165, 178

rufescens, *Chiromantis* 288
rufescens, *Eleutherodactylus*
 165, 181
rufescens, *Limnonectes* 228, 285
rufescens, *Pyxicephalus* 273
rufescens, *Tomodactylus* 165,
 181
rufescens, *Tomopterna* 228, 285
rufifemoralis, *Eleutherodactylus*
 165
rufiocularis, *Duellmanohyla* 76, 84
rufiocularis, *Hyla* 76, 84
rufipes, *Rhacophorus* 296
rufulus, *Dendrobates* 61
rufus, *Leptopelis* 122
rugiceps, *Nyctimantis* 86
Rugosa 250, 258, 273, 278
rugosa, *Pseudocassina* 121
rugosa, *Uperoleia* 210, 211
rugosa, *Rana* 251, 273
rugulosa, *Rana* 220, 273
rugulosus, *Atelopus* 21
rugulosus, *Eleutherodactylus*
 133, 135, 139, 165
rugulosus, *Hoplobatrachus* 220,
 273
rudus, *Eleutherodactylus* 165
ruizi, *Eleutherodactylus* 165
ruizi, *Gastrotheca* 74
rumbolli, *Bufo* 28
runghensis, *Phrynobatrachus*
 233, 234
rupestris, *Physalaemus* 127
ruschii, *Hyla* 84
ruthae, *Eleutherodactylus* 165
ruthveni, *Allophryne* 14, 75
ruthveni, *Eleutherodactylus* 165
ruwenzorica, *Rana* 273

S

sabini, *Aphantophryne* 198
sagorum, *Plectrohyla* 93
saharica, *Rana* 274
sakurarii, *Rana* 274
Salamandra 12
Salamandra cirrigera 303
Salamandra cylindracea 305
Salamandra exigua 303
Salamandra variola 307
Salamandridae 12, 309
Salamandrina 12
Salamandrella 11
salaputium, *Eleutherodactylus*
 165
salinae, *Hyperolius* 117
saltator, *Eleutherodactylus* 165
saltator, *Pseudoeurycea* 307
saltuensis, *Colostethus* 57
salvadorensis, *Hyla* 84, 95

salvadorensis, *Ptychohyla* 84, 95
salvaje, *Hyla* 84, 85
salvavida, *Duellmanohyla* 76
salvavida, *Hyla* 76
sanctaecrucis, *Ptychohyla* 95
sanctaemartae,
Eleutherodactylus 166
sanctipalustris var. *modestus*,
Nyctibatrachus 283
sanguinea, *Rana* 251, 274
Sanguirana 251, 274, 279
sangzhiensis, *Rana* 274
sanjosei, *Atelopus* 21
sanmartini, *Colostethus* 58
sanmartinensis,
Eleutherodactylus 166
sarasinorum, *Ixalus* 291
sarasinorum, *Micrixalus* 246
sariba, *Ingerana* 220
sariba, *Rana* 220
sartori, *Eleutherodactylus* 166
Satobius 300
satoensis, *Hynobius* 300
sauriceps, *Limnonectes* 228, 274
sauriceps, *Rana* 228, 274
sauteri, *Rana* 274
savannah, *Plethodon* 307
savagei, *Centrolene* 38
savagei, *Centrolenella* 38
savagei, *Cochranella* 48
savagei, *Eleutherodactylus* 166
saxatilis, *Eleutherodactylus* 166,
 181
saxatilis, *Ischnocnema* 175
saxatilis, *Thoropa* 180
saxatilis, *Tomodactylus* 166, 181
Scaphiophryne 8, 206, 207
Scaphiophryne brevis 207
Scaphiophryne calcarata 206,
 207
Scaphiophryne gottlebei 207
Scaphiophryne madagascariensis
 206, 207
Scaphiophryne obscura 206, 207
Scaphiophryne pustulosa 206,
 207
Scaphiophryne verrucosa 206,
 207
Scaphiophryne 8, 206
Scaphiopus 9, 215
Scaphiopus bombifrons 215
Scaphiopus solitarius 215
Scarthyla 1, 4, 96, 105
Scarthyla ostinodactyla 96
scheepstrai, *Xenobatrachus* 192
schiefenhoeveli, *Xenobatrachus*
 192
schillukorum, *Ptychadena* 238
schillukorum, *Rana* 236
schioetzi, *Cardioglossa* 17

Schismaderma 3
Schistometopum 12
Schistometopum gregorii 314
schlegelii, *Rhacophorus* 293,
 295, 296, 297
schmackeri, *Philautus* 292
schmackeri, *Rana* 274
schmidti, *Ambystoma* 298, 299
schmidti, *Bufo* 27, 28, 31
schmidti, *Crossodactylus* 124
schmidti, *Eleutherodactylus* 166
schmidti, *Limnomedusa* 125
schmidti, *Megophrys* 215
schmidti, *Mertensophryne* 28, 31
schmidtorum, *Duellmanohyla* 76,
 96
schmidtorum, *Ptychohyla* 76, 77,
 96
Schoutedenella 2, 17
Schoutedenella bivittata 17
Schoutedenella cruscula 15, 17
Schoutedenella globosa 17
Schoutedenella hematomaster 15,
 17
Schoutedenella lameerei 15, 17
Schoutedenella loveridgei 15, 17
Schoutedenella milleti 15, 17
 18
Schoutedenella mossoensis 15,
 18
Schoutedenella nimbaensis 15,
 18
Schoutedenella phrynoides 15,
 18
Schoutedenella pyrrhoscelis 16,
 18
Schoutedenella schubotzi 16, 18
Schoutedenella spinalis 16, 18
Schoutedenella sylvatica 16, 18
Schoutedenella troglodytes 16,
 18
Schoutedenella vercammeni 16,
 18
Schoutedenella xenochirus 16, 18
Schoutedenella xenodactyla 17,
 18
Schoutedenella xenodactyloides
 17, 18
Schoutedenella zimmeri 17, 18
schubarti, *Hyla* 84
schubotzi, *Arthroleptis* 16, 18
schubotzi, *Ptychadena* 239
schubotzi, *Schoutedenella* 16, 18
schultei, *Eleutherodactylus* 166
schwartzi, *Eleutherodactylus* 166
sciagraphus, *Eleutherodactylus*
 166
sciagraphus, *Phrynobatrachus*
 234
scirtetes, *Centrolene* 38

- scirtetes*, *Centrolenella* 38
Scinax 4, 96, 105
Scinax acuminata 86, 96
Scinax agilis 86, 96
Scinax albicans 77, 96
Scinax alleni 86, 96
Scinax argyreornata 86, 97
Scinax ariadne 77, 97
Scinax atrata 97
Scinax aurata 86, 97
Scinax baumgardneri 87, 97
Scinax berthae 87, 97
Scinax blairi 87, 97
Scinax boesemani 87, 97
Scinax boulengeri 87, 98
Scinax caldarum 98
Scinax canastrensis 87, 98
Scinax cardosoi 98
Scinax carnevallii 98
Scinax catharinae 87, 97, 98, 100, 101, 102, 103
Scinax catharinae alcatraz 96
Scinax chiquitana 98
Scinax crosopedospila 87, 99
Scinax cruentomma 87, 99
Scinax cuspidata 87, 99
Scinax cynocephala 87, 99
Scinax danae 99
Scinax duartei 87, 99
Scinax ehrlhardti 87, 99
Scinax elaeochroa 87, 99
Scinax epacrorhina 88, 99
Scinax eurydice 88, 100
Scinax exiqua 100
Scinax flavoguttata 88, 100
Scinax funerea 88, 100
Scinax fuscomarginata 88, 100
Scinax fuscovaria 88, 100
Scinax garbei 88, 100
Scinax goinorum 88, 100
Scinax hayii 88, 100
Scinax heyeri 101
Scinax hiemalis 101
Scinax humilis 88, 101
Scinax jureia 101
Scinax kautskyi 101
Scinax kennedyi 88, 101
Scinax lindsayi 101
Scinax littoralis 102
Scinax, littorea 102
Scinax longilinea 88, 102
Scinax luizotavioi 102
Scinax machadoi 88, 102
Scinax maracaya 88, 102
Scinax melloi 102
Scinax mirim 89
Scinax nasica 78, 89, 103
Scinax nebulosa 89, 103
Scinax obtriangulata 89, 103
Scinax opalina 89, 103
Scinax pachychrus 89, 103
Scinax pedromedinai 103
Scinax perpusilla 89, 96, 97, 102, 103, 105
Scinax proboscidea 89, 103
Scinax quinquefasciata 89, 103
Scinax ranki 104
Scinax rizibilis 89, 101, 102, 104
Scinax rostrata 89, 98, 100, 101, 103, 104, 105
Scinax rubra 89, 97, 98, 99, 100, 101, 104
Scinax similis 89, 104
Scinax squalirostris 89, 104
Scinax staufferi 90, 96, 97, 99, 100, 103, 104
Scinax strigilata 90, 104
Scinax sugillata 90, 105
Scinax trachythorax 90, 105
Scinax trilineata 90, 105
Scinax v-signata 105
Scinax vauterii 105
Scinax wandae 90, 105
Scinax x-signata 90, 96, 97, 99, 102, 105
scitulus, *Eleutherodactylus* 166
Scolecophoridae 13, 315
Scolecophorus 13, 315
Scolecophorus attenuatus 315
Scolecophorus bornmuelleri 315
Scolecophorus convexus 315
Scolecophorus kirkii 315
Scolecophorus lamottei 315
Scolecophorus uluguruensis 315
scoloblepharus,
Eleutherodactylus 166
scolodiscus, *Eleutherodactylus* 166
Scotobleps 2
scrocchi, *Telmatobius* 179
scutata, *Rana* 75
Scutiger 9, 212, 214
Scutiger alticola 214
Scutiger boulengeri 214, 215
Scutiger chintingensis 215
Scutiger jingdongensis 214
Scutiger mammatus 214
Scutiger ningshanensis 215
Scutiger pingii 214
Scutiger puxiongensis 215
Scutiger schmidti 215
Scutiger tainingensis 215
Scutiger weigoldi 215
scutigera, *Rana* 274
Scythrophrys 6, 123
semelvella, *Rana* 274
semidiscus, *Hyperolius* 115, 117
semipalmata, *Indiana* 275, 282
semipalmata, *Nyctimystes* 108
semipalmata, *Occidozyga* 230, 231
semipalmata, *Rana* 274, 282
semipalmatus, *Eleutherodactylus* 167
semipalmatus, *Nyctimystes* 108
semipalmatus, *Phrynoglossus* 230, 231
semiplicata, *Rana* 256
Semnodactylus 5, 118, 120
Semnodactylus thabanchuensis 120
Semnodactylus wealii 119
senchalensis, *Rana* 275
senegalensis, *Kassina* 118, 119
septentrionalis, *Africalus* 113, 114
septentrionalis, *Africalus pygmaeus* 113
septentrionalis morerei,
Africalus 113
septentrionalis, *Rana* 275
sequoyah, *Plethodon* 307
serasanae, *Leptobrachella* 212
sernai, *Eleutherodactylus* 167
serranus, *Colostethus* 58
serratopalpebrosa,
Plethodontohyla 195, 197
serratopalpebrosus, *Mantipus* 195, 197
serratus, *Plethodon* 307
shangchengensis, *Pachyhynobius* 301
shapingensis, *Atympanophrys* 212, 214
shapingensis, *Megophrys* 212, 214
shataukokensis, *Cynops* 309
sheldricki, *Hyperolius* 117
shihi, *Liua* 301
shihi, *Liua* 301
shini, *Paa* 249, 275
shini, *Rana* 249, 275
shqipericana, *Rana* 275
shuar, *Colostethus* 58
shuchinae, *Rana* 275
shyamrupus, *Philautus* 292
siamensis, *Ansonia* 20
siberu, *Rana* 275
sichuanensis, *Rana* 250
sierramadrensis, *Rana* 251, 275
sierramaestrae,
Eleutherodactylus 167
Sierrana 251, 264, 267, 275
signata, *Rana* 261, 268, 275
signatus, *Polypedates* 251
signifer, *Physalaemus* 127
sikimensis, *Chaparana* 244, 275
sikimensis, *Rana* 244, 275

- sikimensis*, *Bombinator* 214
Silurana 9, 216
Silurana epitropicalis 216
Silurana tropicalis 216
Siluraninae 9, 216
silverstoni, *Dendrobates* 61, 66, 67
silverstonei, *Phobobates* 61, 66
silvicola, *Eleutherodactylus* 167
simatus, *Batrachoseps* 302
simbiotica, *Ramanella* 204
similis, *Oloolygon* 89, 104
similis, *Scinax* 89, 104
similis, *Rana* 275
simmonsii, *Hyla* 84
simonbolivari, *Eleutherodactylus* 167
simoterus, *Eleutherodactylus* 167
simplex, *Hyla* 86
Sinobius 301
siopelus, *Eleutherodactylus* 167
Siphneus 201
Siphonops 12
Siphonops confusionis 313, 314
Siphonops oligozona 313
Siphonops syntremus 313
Siren 12
Siren maculosa 308
siren, *Centrolenella* 42, 48
siren, *Cochranella* 42, 48
Sirenidae 12
sirensis, *Dendrobates* 61
sisyphodemus *Eleutherodactylus* 167
slateri, *Callulops* 189, 191
slateri, *Phrynomantis* 189, 191
smaragdinus, *Dendrobates* 61, 64
smaragdinus, *Epipedobates* 61, 64
Smilisca 4
Smilisca daulinia 105
Sminthillus 6, 129, 131, 135, 176
Sminthillus limbatus 153, 176
smithi, *Ptychadena* 239
snethlageae, *Pipa* 216
soaresi, *Hyla* 84
sobetes, *Eleutherodactylus* 167
solitaria, *Cochranella* 48
solitarius, *Scaphiopus* 215
somalica, *Fichteria* 205
somalica, *Kassina* 118
somalicus, *Phrynomantis* 205
Somuncuria 6, 177
somuncuriensis, *Telmatobius* 177
Sooglossidae 10, 298
Sooglossus 10
soralia, *Duellmanohyla* 77
soralia, *Hyla* 77
spanios, *Eleutherodactylus* 167
spatulatus, *Eleutherodactylus* 168
Spea 9, 215
spectabilis, *Rana* 276
Speleomantes 303
Speleophryne 7
Spelerpes platycephalus 303
sphenocephala, *Rana* 276
Sphenophryne 7, 199
Sphenophryne adelphe 200
Sphenophryninae 198
spenceri, *Litoria* 107
Sphaenorhynchus 4, 106
Sphaenorhynchus platycephalus 105
Sphaeroteca 284, 285
Sphaeroteca strigata 284
Sphenophryne 7
spiculata, *Centrolenella* 42, 48
spiculata, *Cochranella* 42, 48
spilogaster, *Eleutherodactylus* 168
spinalis, *Arthroleptis* 16, 18
spinalis, *Schoutedenella* 16, 18
spinidactyla, *Rana* 276
spinifer, *Mantidactylus* 188
spiniferus, *Mantidactylus* 188
spinifrons, *Afraxalus* 114
Spinomantis 183
Spinophrynoides 3, 31
Spinophrynoides osgoodi 31, 33
spinosa, *Centrolenella* 42, 48, 49
spinosa, *Cochranella* 42, 48
spinosa, *Paa* 249, 276
spinosa, *Rana* 249, 276
spinus, *Eleutherodactylus* 168
spinulifer, *Ansonia* 20
spinulosus, *Bufo* 23, 24, 29
spixii, *Hemiphractus* 75
splendida, *Litoria* 107, 109
splendida, *Pelodytes* 107, 109
sprinkbokensis, *Rana* 276
squalirostris, *Oloolygon* 89, 104
squalirostris, *Scinax* 89, 104
stantoni, *Eleutherodactylus* 152, 168
staufferi, *Oloolygon* 90, 104
staufferi, *Scinax* 90, 96, 97, 99, 100, 103, 104, 105
Stauroids 10
Stauroids lifanensis 242
Stefania 4, 75
Stefania roraima 75
Stefania roraimae 75
steinbachi, *Hyla* 79, 84
steinegeri, *Microhyla* 204
steinegeri, *Micryletta* 204, 260
stejnegerianus, *Eleutherodactylus* 168
stelzneri, *Phryniscus* 31
stenocephala, *Ptychadena* 239
stenodiscus, *Eleutherodactylus* 168
stepheni, *Colostethus* 58
Stephopaedes 3, 33
Stephopaedes anotis 33
Stephopaedes loveridgei 34
Stereochilus 11, 308
Stereocyclops 8
sternosignata, *Paa* 249, 276
sternosignata, *Rana* 249, 260, 276
stewartae, *Phrynobatrachus* 233, 234
steyermarki, *Dendrobates* 61, 65, 66
steyermarki, *Minyobates* 61, 66
stictigaster, *Callulops* 189, 191
stictigaster, *Phrynomantis* 189, 191
stomaticus, *Bufo* 29
Stombus 123
strachani, *Tomopterna* 285
straeleni, *Ptychadena* 239
streckeri, *Pseudacris* 95
striatus, *Cacosternum* 232
strigata, *Sphaeroteca* 284
strigilata, *Hyla* 96
strigilata, *Oloolygon* 90, 104
strigilata, *Scinax* 90, 104
strigilata eringiophila, *Hyla* 105
Strongylopus 10, 251, 254, 259, 261, 262, 276, 280, 281
Strongylopus bonaspei 254
Strongylopus fasciatus 259, 281
Strongylopus grayii 261, 281
Strongylopus hymenopus 262, 281
Strongylopus springbokensis 276, 281
Strongylopus wageri 280, 281
stuarti, *Eleutherodactylus* 168
Stumpffia 7, 197
Stumpffia gimmeli 197
Stumpffia madagascariensis 197
Stumpffia psologlossa 197
Stumpffia pygmaea 197
Stumpffia roseifemoralis 197
Stumpffia tetractyla 198
Stumpffia tridactyla 198
subaspera, *Rana* 276
submascareniensis, *Ptychadena* 239
subornatus, *Atelopus* 21
subpalmata, *Bolitoglossa* 302
subpunctata, *Ptychadena* 239
subsigillatus, *Eleutherodactylus* 168
subtilis, *Osteocephalus* 91
sugillata *Oloolygon* 90, 105

sugillata Scinax 90, 105
sulcatus, *Eleutherodactylus* 138, 168
sulculus, *Eleutherodactylus* 168
sumatrana, *Huia* 243
sumatranus, *Amolops* 243
superciliaris, *Bufo* 29
superciliaris, *Microhyla* 203
superciliaris, *Ptychadena* 239
supernatis, *Eleutherodactylus* 168
supragrisea, *Rana* 276
supramontis, *Hydromantes* 304
surda, *Cochranella* 50
surdus, *Eleutherodactylus* 168
surdus, *Philautus* 292
surinamensis, *Elachistocleis* 200
sutor, *Neobatrachus* 208
swani, *Tomopterna* 285
swinhoana, *Rana* 277
syhadrensis, *Limnonectes* 228, 277
syhadrensis, *Rana* 228, 277
Sylvacaecilia 12, 314
Sylvacaecilia grandisonae 313, 314
sylvatica, *Arthroleptis* 16, 18
sylvatica, *Hylorina* 175
sylvatica, *Rana* 277
sylvatica, *Schoutedenella* 16, 18
Sylvirana 251, 253, 254, 255, 257, 260, 261, 265, 267—271, 277
symingtoni, *Eleutherodactylus* 168
Synapturanus 8
Syncope 8, 200
syntomopus, *Atopophrynus* 53, 130
syntremus, *Copeotyphlinus* 312, 313
syntremus, *Gymnopsis* 312, 313
syntremus, *Siphonops* 313
syristes, *Eleutherodactylus* 168, 181
syristes, *Tomodactylus* 168, 169, 181
Syrrhophus 6, 129, 131, 132, 134, 142, 143, 146, 147, 148, 150, 152, 153, 154, 156, 157, 159, 161, 165, 169, 171, 172, 177, 178, 180, 181
Syrrhophus cystignathoides 142, 177
Syrrhophus dennisii 142, 177
Syrrhophus guttilatus 148, 177
Syrrhophus interorbitalis 150, 177
Syrrhophus juninensis 175
Syrrhophus leprus 152, 177

Syrrhophus longipes 153, 177
Syrrhophus marnockii 131, 132, 154, 177
Syrrhophus modestus 156, 177, 178
Syrrhophus nivicolimae 157, 158, 178
Syrrhophus pallidus 159, 178
Syrrhophus pipilans 161, 178
Syrrhophus rubrimaculatus 165, 178
Syrrhophus teretistes 169, 178
Syrrhophus verrucipes 171, 178
Syrrhophus verruculatus 171, 178
systema, *Rana* 204

T

Tachyneminae 5, 112, 118, 122
Tachycnemis 5, 112, 118, 122
taeniatus, *Arthroleptis* 16
taeniatus, *Eleutherodactylus* 169
taeniatus, *Rhacophorus* 297
taenioscelis, *Ptychadena* 238, 239
taenioscelis, *Ptychadena pumilio* 238
tagoi, *Rana* 277
taiensis, *Phrynobatrachus* 234
tainingensis, *Aeleurolax* 214
taipehensis, *Rana* 254, 277
taipeianus, *Rhacophorus* 297
taitanus, *Bufo* 27, 29
taiwaniana, *Rana* 277
talamancae, *Centrolenella* 42, 52
talamancae, *Eleutherodactylus* 169
talamancae, *Hyalinobatrachium* 42, 52
taliangensis, *Tylotriton* 311
talipes, *Osornophryne* 32
talpa, *Uperoleia* 211
tamaense, *Atelopus* 22
tamsitti, *Eleutherodactylus* 169
tarahumarae, *Rana* 251, 277
tarahumaraensis, *Eleutherodactylus* 169, 174
tarahumaraensis, *Hylactophryne* 169, 174
Taricha 12
Taricha torosa 311
taroensis, *Rhacophorus* 297
tasanae, *Ingerana* 221, 277
tasanae, *Rana* 221, 277
tasartananaensis, *Platypelis* 195
Taudactylus 8
Taudactylus pleione 210
taurinus, *Osteocephalus* 90
taurus, *Eleutherodactylus* 169
Taylorana 9, 221, 231, 251
Taylorana hascheana 231, 261
Taylorana limborgii 231
taylori, *Centrolenella* 42, 52
taylori, *Eleutherodactylus* 169
taylori, *Hyalinobatrachium* 42, 52
taylori, *Rana* 277
tayrona, *Centrolene* 38
tayrona, *Eleutherodactylus* 169
tectus, *Philautus* 292
tellini, *Phrynobatrachus* 234
Telmalsodes 6, 178
Telmalsodes montanus 130, 178
Telmalsodes pehuenche 179
Telmatobiinae 5, 53, 129, 130
Telmatobiini 130, 180
Telmatobius 6, 175, 178, 179
Telmatobius arequipensis 179
Telmatobius carrillae 179
Telmatobius hauthali 179
Telmatobius hypselocephalus 179
Telmatobius juninensis 179
Telmatobius pinguiculus 179
Telmatobius platycephalus 179
Telmatobius scrocchi 179
Telmatobius pehuenche 130, 179
Telmatobius somuncuriensis 177
Telmatobufo 6, 180
temporalis, *Rana* 263, 277
temporaria, *Rana* 250, 251, 253, 255, 256, 257, 262, 263, 264, 266, 270, 277
temporaria coreana, *Rana* 256
tenasserimensis, *Cornufer* 221
tenasserimensis, *Ingerana* 221
tenasserimensis, *Micrixalus* 221
tenasserimensis, *Rana* 220
tenebrionis, *Eleutherodactylus* 169
tenggerensis, *Rana* 278
tenrec, *Rhamphophryne* 33
tenuilingua, *Indirana* 278, 282
tenuilingua, *Rana* 278, 282
tenuis, *Hynobius* 301
tephraeomystax, *Boophis* 287, 288
teraiensis, *Limnonectes* 228
teraiensis, *Rana* 228
teretistes, *Eleutherodactylus* 169, 178
teretistes, *Syrrhophus* 169, 178
tergogranularis, *Colostethus* 58
ternetzi, *Pseudopaludicola* 129
terraebolivaris, *Eleutherodactylus* 169
testudinea, *Gastrotheca* 74
testudo, *Ceratophrys* 123
tetradactyla, *Stumpffia* 198

- tetraploidea*, *Phyllomedusa* 112
teuchestes, *Plectrohyla* 93
texanum, *Ambystoma* 298, 299
teyahalee, *Plethodon* 307
teyahalee, *Plethodon glutinosus* 307
thabanchuensis, *Semnodactylus* 120
thectopternis, *Eleutherodactylus* 169
Theloderma 10
thomasi, *Eleutherodactylus* 169
thomensis, *Hyperolius* 117, 118
thomensis, *Nesionixalus* 117, 118
thomsoni, *Genyophryne* 199
thorectes, *Eleutherodactylus* 169
Thorius 11
thorntoni, *Colostethus* 58
Thoropa 6, 123, 180
Thoropa megatympanum 180
Thoropa miliaris 180
Thoropa saxatilis 180
thymalopsoides,
Eleutherodactylus 170
thymelensis, *Eleutherodactylus* 170
tiannanaensis, *Rana* 278
tibetanus, *Batrachuperus* 300
tibetanus, *Bufo* 29
tieneaiensis, *Rana* 278
tigerina, *Rana* 220, 221, 278
tigerinus, *Hoplobatrachus* 219, 220, 278
tigrinum, *Ambystoma* 298
timbeba, *Hyla* 85
timorensis, *Limnonectes* 228, 278
timorensis, *Rana* 228, 278
tinctoria, *Rana* 58
tlalcoi, *Rana* 278
toa, *Eleutherodactylus* 170
toftae, *Eleutherodactylus* 170
Tomodactylus 6, 129, 131, 160, 180
Tomodactylus albolabris 143, 180
Tomodactylus amulae 131
Tomodactylus angustidigitorum 134, 180
Tomodactylus dilatus 143, 180
Tomodactylus fuscus 155, 180
Tomodactylus grandis 147, 180
Tomodactylus nitidus 157, 181
Tomodactylus rufescens 165, 181
Tomodactylus saxatilis 166, 181
Tomodactylus syristes 168, 169, 181
Tomopterna 10, 281, 284, 285
Tomopterna breviceps 284
Tomopterna breviceps rolandae 285
Tomopterna cryptotis 284
Tomopterna delalandii 284
Tomopterna dobsonii 284
Tomopterna krugerensis 284
Tomopterna labrosa 284
Tomopterna leucorhynchus 284
Tomopterna marmorata 284
Tomopterna natalensis 285
Tomopterna parambikulamana 227, 285
Tomopterna porosa 272
Tomopterna rolandae
Tomopterna rufescens 228, 285
Tomopterna strachanae 285
Tomopterna swani 285
Tomopterna tuberculosa 285
Tomopterninae 10, 281, 283, 284
Tomopternini 284
tormota, *Rana* 278
Tomiereobatinae 19
Tornierella 5, 119, 120
Tornierella kounhiensis 119, 120
Tornierella obscura 119, 120
Tornierella pulchra 119
tornieri, *Mantidactylus* 188
tornieri, *Nectophryne* 31
torosa, *Taricha* 311
torrenticola, *Colostethus* 58
torrentis, *Amolops* 243
toumanoffi, *Limnonectes* 228, 278
toumanoffi, *Rana* 221, 228, 278
tournieri, *Ptychadena* 239
trachyblepharis,
Eleutherodactylus 170
Trachycephalus 4
Trachycephalus lichenatus 76
trachyceps, *Gastrotheca* 74
trachyderma, *Uperoleia* 211
Trachymantis 181
trachystomus, *Crossodactylus* 124
trachythorax, *Oloolygon* 90, 105
trachythorax, *Scinax* 90, 105
tradouwi, *Capensibufo* 30
translineatus, *Rhacophorus* 297
travancorica, *Rana* 278
trepidotus, *Eleutherodactylus* 170
triangularis, *Ramanella* 204
Trichobatrachus 2
tricinctus, *Mantidactylus* 184, 188
tricolor, *Atelopos* 21, 22
tricolor, *Dendrobates* 51, 64
tricolor, *Epipedobates* 59, 61, 64
tricolor, *Heterixalus* 115
tricolor, *Prostherapis* 62
tridactyla, *Euparkerella* 173
tridactyla, *Stumpffia* 198
trifasciata, *Cardioglossa* 17
trilineata, *Oloolygon* 90, 105
trilineata, *Scinax* 90, 105
trilineatus, *Colostethus* 58
trilobata, *Rana* 273, 278
trinitatis, *Colostethus* 58, 64, 65
trinitatis, *Mannophryne* 58, 65
trinodis, *Ptychadena* 239
Triprion 4
tripunctatus, *Mantidactylus* 184
triseriata, *Pseudacris* 95
triseriata feriarum, *Pseudacris* 95
Triton 311
Triton cristatus 311
Triton karelini 311
Trituroides caudopunctatus 310
Trituroides chinensis 310
Triturus 12, 311
Triturus alpestris 311
Triturus karelini 311
Triturus vulgaris 303
trivittatus, *Dendrobates* 61, 67
trivittatus, *Phobobates* 61, 67
troglodytes, *Arthroleptis* 16, 18
troglodytes, *Schouteddenella* 16, 18
tropicalis, *Silurana* 216, 217
tropicalis, *Xenopus* 216, 217
truebae, *Centrolenella* 42, 49
truebae, *Cochranella* 42, 49
truebae, *Rhamphophryne* 33
truei, *Ascapus* 122
Trypherpopsis 251, 280
tsinpaensis, *Ranodon* 301
tsushimensis, *Rana* 279
tuberculata, *Paracophyla* 195
tuberculata, *Platypelis* 196
tuberculata, *Rana* 279
tuberculatus, *Bufo* 22
tuberculatus, *Rhacophorus* 297
tuberculosa, *Tomopterna* 285
tuberculosis, *Pedostibes* 33
tuberilinguis, *Hyperolius* 117
tubernasus, *Eleutherodactylus* 139, 163, 170
tuberata, *Plethodontohyla* 197
tucumana, *Pleurodema* 128
tucumanum, *Pleurodema* 128
tumifrons, *Melanophryniscus* 31
tumultus, *Xenobatrachus* 192
tunkui, *Rhacophorus* 297
turkanae, *Bufo* 29
turpes, *Rhacophorus* 297
turquinensis, *Eleutherodactylus* 170
turumiquirensis,
Eleutherodactylus 170
tweddiei, *Limnonectes* 227, 229, 279

tweediei, *Rana* 229, 279
Tylerana 251, 253, 263
tyleri, *Copiula* 199
tyleri, *Uperoleia* 211
Tylototriton 12, 309, 311
Tylototriton andersoni 309, 310, 311
Tylototriton asperrimus 310, 311
Tylototriton chinhaiensis 310, 311
Tylototriton hainanensis 310, 311
Tylototriton kweichowensis 311
Tylototriton taliangensis 311
Tylototriton verrucosus 312
tympanocryptis, *Nyctimystes* 108
Typhlomolge 11, 308
Typhlomolge rathbuni 308
Typhlomolge robusta 308
Typhlomolge robustus 308
Typhlonectes 13, 316
Typhlonectes cunhai 316
Typhlonectidae 13, 315
Typhlotriton 11, 308
typhona, *Rana* 125
typhonius, *Bufo* 24, 29

U

ukingensis, *Phrynobatrachus* 235
ulcerosus, *Mantidactylus* 183, 184, 185, 187, 188
uluguruensis, *Scolecomorphus* 315
umbra, *Philautus* 292
umbraculata, *Rana* 279
unculuana, *Rana* 244, 279
unculuanus, *Chaparana* 244, 279
unicolor, *Bufo viridis* 24
unicolor, *Eleutherodactylus* 170
unistrigatus, *Eleutherodactylus* 132, 134, 136, 139, 141, 142, 143, 145, 147, 148, 151, 152, 155, 156, 158, 159, 162, 163, 165, 166, 167, 170, 171, 173
unistrigatus holti, *Eleutherodactylus* 149
uno, *Eleutherodactylus* 170
untersteini, *Boophis* 288
untersteini, *Rhacophorus* 286
upembae, *Ptychadena* 239
Uperodon 8
Uperoleia 8, 210
Uperoleia capitulata 210
Uperoleia crassa 210
Uperoleia fusca 210
Uperoleia fimbrianus 210
Uperoleia glandulosa 210
Uperoleia inundata 210

Uperoleia laevigata 210
Uperoleia lithomoda 210, 211
Uperoleia littlejohni 211
Uperoleia marmorata 211
Uperoleia martini 211
Uperoleia micromeles 211
Uperoleia mimula 211
Uperoleia mjobergi 211
Uperoleia orientalis 211
Uperoleia rugosa 210, 211
Uperoleia talpa 211
Uperoleia trachyderma 211
Uperoleia tyleri 211
Uperoleia variegata 211, 212
uranobates, *Eleutherodactylus* 171
uranochroa, *Duellmanohyla* 77, 85
uranochroa, *Hyla* 76, 77, 85
uranoscopa, *Centrolenella* 42, 52
uranoscopum, *Hyalinobatrachium* 38, 40, 42, 51, 52
Uraeotyphlidae 1, 13, 315, 316, 317
Uraeotyphlinae 315, 316
Uraeotyphlus 13, 315, 317
Uraeotyphlus oxyurus 317
urichi, *Eleutherodactylus* 171
uruguaya, *Hyla* 85
uzunguensis, *Bufo* 29
uzunguensis, *Ptychadena* 239

V

v-signata, *Hyla perpusilla* 105
v-signata, *Scinax* 105
vaillanti, *Rana* 279
valancifer, *Hyla* 85
valerioi, *Centrolenella* 42, 53
valerioi, *Hyalinobatrachium* 42, 53
valhallae, *Bufo* 29
vanadise, *Eleutherodactylus* 171
vannutellii, *Leptopelis* 122
vanzolinii, *Centrolenella* 42
Vanzolinus 5
varelae, *Hyla* 85
variabilis, *Dendrobates* 61
variabilis, *Eleutherodactylus* 171
variabilis, *Heterixalus* 115
varians, *Eleutherodactylus* 171
varians ionthus, *Eleutherodactylus* 150, 171
varians, *Rana* 270, 279
variegata, *Bombina* 68
variegata, *Callula* 204
variegata, *Uperoleia* 211, 212
variolata, *Salamandra* 306
variegatus, *Rhyacotriton* 309
variegatus, *Rhyacotriton olympicus* 309
variolatus, *Plethodon* 307
varius, *Ceratophrys* 123
varleyi, *Eleutherodactylus* 171
vauterii, *Hyla* 105
vauterii, *Scinax* 105
vasta, *Hyla* 85, 92
velatus, *Bufo woodhousii* 30
vellardi, *Bufo* 29
venancioi, *Eleutherodactylus* 171
ventricosus, *Discodeles* 218
ventricosus, *Rana* 218
ventrilineatus, *Eleutherodactylus* 171
ventrimaculata, *Laurentomantis* 182
ventrimaculatus, *Dendrobates* 62
ventrimarmoratus, *Eleutherodactylus* 171
ventripunctata, *Nanorana* 246
venulosa, *Phrynosoma* 76, 92
venulosa, *Rana* 92
veraguensis, *Bufo* 23, 25, 27, 28, 29
verecundus, *Eleutherodactylus* 171
vercammeni, *Arthroleptis* 16, 18
vercommeni, *Schoutedenella* 16, 18
vermiculatus, *Mimosiphonops* 313, 314
vermiculatus, *Philautus* 289, 290
verrucipes, *Eleutherodactylus* 171, 178
verrucipes, *Syrhophus* 171, 178
verrucosa, *Scaphiophryne* 206, 207
verrucoissimus, *Bufo* 29
verrucoissimus, *Rana* 29
verrucopus, *Rhacophorus* 297
verrucosum, *Pseudohemistis* 206, 207
verrucosus, *Breviceps* 194
verrucosus, *Rhacophorus* 295, 297
verrucosus, *Tylototriton* 312
verruculatus, *Eleutherodactylus* 171, 178
verruculatus, *Syrhophus* 171, 178
verruculosa, *Rana* 229, 279
verruculosus, *Limnonectes* 229, 279
versabilis, *Rana* 279
versicolor, *Eleutherodactylus* 172

vertebralis, *Bufo* 25, 26, 29
vertebralis, *Eupsophus* 130, 174
vertebralis grindleyi, *Bufo* 25
vertebralis, *Rana* 250, 279
vibicaria, *Rana* 280
Vibrissaphora jiulongshanensis 212
Vibrissaphora yaoshanensis 212
vicarius, *Eleutherodactylus* 172
vicina, *Paa* 250, 280
vicina, *Rana* 250, 280
vidua, *Eleutherodactylus* 172
vilarisi, *Eleutherodactylus* 172
villiersi, *Phrynobatrachus* 234
vilsoniana meridensis, *Hyla* 82
vinhai, *Eleutherodactylus* 172
vireovittata, *Centrolenella* 42, 53
vireovittata, *Hyalinobatrachium* 42, 53
virgatipes, *Rana* 280
viridicans, *Eleutherodactylus* 172
viridiflavus, *Hyperolius* 117
viridiflavus reesi, *Hyperolius* 117
viridimaculatus, *Amolops* 243
viridis, *Boophis* 288
viridis, *Bufo* 22, 24
viridis, *Dendrobates* 62, 66
viridis, *Gastrotheca* 73, 74
viridis, *Leptopelis* 122
viridis, *Mantella* 182
viridis, *Minyobates* 62, 66
viridis, *Rhacophorus* 297
virolinensis, *Minyobates* 66
visayanus, *Limnometes* 229
visayanus, *Rana* 229
vitellina, *Geocrinia* 209
vitellinus, *Rheobatrachus* 208
vittatus, *Alsodes* 130, 174
vittatus, *Cystignathus* 130
vittatus, *Eupsophus* 174
vittiger, *Limnometes* 229
vittigera, *Rana* 225, 229
vittigera, *Rana limncharis* 229
vocalis, *Eleutherodactylus* 172
vocator, *Eleutherodactylus* 172
vogti, *Discodes* 218
vogti, *Rana* 218
vulgaris, *Triturus* 303

W

w-nigrum, *Eleutherodactylus* 172
wageri, *Rana* 280, 281
wageri, *Strongylopus* 280, 281
wagneri, *Leptodactylus* 125, 126
walker, *Eleutherodactylus* 172
walker, *Geobatrachus* 174
wandae, *Oloolygon* 90, 105

wandae, *Scinax* 90, 105
warreni, *Eleutherodactylus* 172
warreni, *Hyla* 85
warschewitschii, *Ixalus* 251
warschewitschii, *Rana* 280
warszewitschii, *Rana* 280
wavrini, *Hyla* 85
wealii, *Cassina* 120
wealii, *Kassina* 119, 120
wealii, *Semnodactylus* 119, 120
webbi, *Mantidactylus* 188
websetri, *Plethodon* 307
weigeli, *Notaden* 208
weigoldi, *Megalophrys* 214, 215
weigoldi, *Scutiger* 215
weiningensis, *Rana* 251, 280
weinlandi, *Eleutherodactylus* 172
weinlandii, *Gastrotheca* 75
wendyae, *Nectophrynoides* 31
werleri, *Eleutherodactylus* 152, 172
Werneria 3
wetmorei, *Eleutherodactylus* 172
weygoldti, *Hyla* 85
whiteheadi, *Amolops* 243
whymperi, *Hylodes* 142
wightmanae, *Eleutherodactylus* 172
wilder, *Eurycea* 302, 303
wilder, *Eurycea bislineata* 303
wilderi, *Hyla* 86, 92
wilhelmana, *Callulops* 190, 191
wilhelmana, *Phrynomantis* 190, 191
williamsi, *Boophis* 288
williamsi, *Eleutherodactylus* 172
williamsoni, *Gastrotheca* 75
wittei, *Hemius* 69
wittei, *Kassinula* 119
wittei, *Mantidactylus* 188
wittei, *Rana* 280
wittei, *Xenopus* 217
Wolterstorffina 3
woodhousei, *Bufo* 30
woodhousii, *Bufo* 30
woodhousii velatus, *Bufo* 30
woodworthi, *Limnometes* 229, 280
woodworthi, *Rana* 229, 280
wuchuanensis, *Rana* 280
wuyiensis, *Amolops* 243

X

x-signata, *Oloolygon* 90, 105
x-signata, *Scinax* 90, 96, 97, 99, 102, 105
xanthomera, *Litoria* 107
xapuriensis, *Hyla* 86

Xenobatrachus 6
Xenobatrachus anorbis 191
Xenobatrachus arfakianus 192
Xenobatrachus fuscigula 192
Xenobatrachus giganteus 192
Xenobatrachus huon 192
Xenobatrachus multisica 192
Xenobatrachus rostratus 191, 192, 193
Xenobatrachus scheepstrai 192
Xenobatrachus schiefenhoeweli 192
Xenobatrachus tumulus 192
Xenobius 301
Xenobius melanonychus 301
xenochirus, *Arthroleptis* 16, 17, 18
xenochirus, *Schoutedenella* 16, 17, 18
xenodactyla, *Schoutedenella* 17, 18
xenodactylus, *Arthroleptis* 17, 18
xenodactyloides, *Arthroleptis* 17, 18
xenodactyloides, *Schoutedenella* 14, 17, 18
Xenopodinae 9, 216
Xenopus 9
Xenopus boettgeri 216
Xenopus epitropicalis 216, 217
Xenopus fraseri 217
Xenopus laevis 217
Xenopus longipes 217
Xenopus pygmaeus 217
Xenopus tropicalis 216, 217
Xenopus wittei 217
Xenorhina 6, 189, 193
Xenorhina doriae 189, 193
Xenorhina eiponis 193
xerampelina, *Chiromantis* 288
xeros, *Bufo* 30
xizangensis, *Cornufer* 220
xizangensis, *Ingerana* 221, 231
xizangensis, *Platymantis* 221, 231
xucanebi, *Eleutherodactylus* 172

Y

yacambuensis, *Gastrotheca* 73, 75
yaoshanense, *Leptobrachium* 213
yaoshanensis, *Rhacophorus* 297
yaoshanensis, *Vibrissaphora* 212
yavapaiensis, *Rana* 280
yiwuensis, *Hynobius* 300
yucatanensis, *Eleutherodactylus* 173
yunnanensis, *Paa* 250, 271, 280

yunnanensis, *Rana* 247, 250, 280
yustizi, *Colostethus* 64, 65
yustizi, *Mannophryne* 65

Z

Zachaenus 6, 124, 181
zaparo, *Dendrobates* 62, 64
zaparo, *Epipedobates* 62, 64

zavattarii, *Phrynobatrachus* 235
zed, *Rhacophorus* 297
zeylanica, *Microhyla* 203
zeuctotylus, *Eleutherodactylus*
173
zeus, *Eleutherodactylus* 173
zhaopingensis, *Hyla* 86
zimmeri, *Arthroleptis* 17, 18
zimmeri, *Schoutedenella* 17, 18

zimmermanae, *Eleutherodactylus*
173
zonata, *Hyla* 92
zug, *Eleutherodactylus* 173
zweifeli, *Rana* 273, 280
Zweifelia 251, 263, 273, 277, 280
zygodactylus, *Eleutherodactylus*
173



3 2044 110 326 204

Date Due

~~New~~

perm. loan - HERPETOLOGY

FEB 04 1994
ms

JAN 31 1995

SPECIAL PUBLICATIONS AVAILABLE

3. Maintenance of Rattlesnakes in Captivity. By James B. Murphy and Barry L. Armstrong, pp. i–viii, 1–40, 29 December 1978. ISBN: 0-89338-006-7.
5. The Natural History of Mexican Rattlesnakes. By Barry L. Armstrong and James B. Murphy, pp. i–viii, 1–88, 14 December 1979. ISBN: 0-89338-010-5.
7. A Diapsid Reptile from the Pennsylvanian of Kansas. By Robert R. Reisz, pp. i–vi, 1–74, 18 February 1981. ISBN: 0-89338-011-3.
9. The Ecological Impact of Man on the South Florida Herpetofauna. By Larry David Wilson and Louis Porras, pp. i–vi, 1–89, 8 August 1983. ISBN: 0-89338-018-0.
10. Vertebrate Ecology and Systematics: A Tribute to Henry S. Fitch. Edited by Richard A. Seigel, Lawrence E. Hunt, James L. Knight, Luis Malaret, and Nancy Zuschlag, pp. i–viii, 1–278, 21 June 1984. ISBN: 0-89338-019-0.
13. Geographic Variation among Brown and Grizzly Bears (*Ursus arctos*) in North America. By E. Raymond Hall, pp. i–ii, 1–16, 10 August 1984.
15. Spring Geese and Other Poems. By Denise Low, pp. 1–84, September 1984. ISBN: 0-89338-024-5.
18. A Checklist of the Vertebrate Animals of Kansas. By George D. Potts and Joseph T. Collins, pp. i–vi, 1–42, September 1991. ISBN: 0-89338-038-5.
19. The Compleat Cladist. A Primer of Phylogenetic Procedures. By E. O. Wiley, D. Siegel-Causey, D. R. Brooks, and V. A. Funk. pp. i–x, 1–158, October 1991. ISBN: 0-89338-035-0.

